

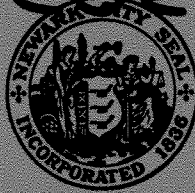
Newark Fire Department

1985

ONE HUNDREDTH

ANNUAL REPORT

Planning & Research Div.



KENNETH A. GIBSON, Mayor

MUNICIPAL COUNCIL

RALPH T. GRANT, JR., President

GEORGE BRANCH, Central Ward

ANTHONY CARRINO, North Ward

SHARPE JAMES, At Large

HENRY MARTINEZ, East Ward

DONALD M. PAYNE, South Ward

RONALD L. RICE, West Ward

DONALD TUCKER, At Large

MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

NEWARK, NEW JERSEY



FIRE DEPARTMENT ANNUAL REPORT 1985

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Newark

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

The Honorable Kenneth A. Gibson
Mayor, City of Newark
Newark, New Jersey

Dear Sir:

I hereby respectfully submit the Annual Report for the year 1985, outlining the activities of the Fire Department.

The primary goals of the Fire Department continue to be

1. The prevention of unfriendly fires, and
2. The minimizing of life and property loss when unfriendly fires occur.

The most desirable method of reducing life and property loss due to fire is through Fire Prevention, Public Fire Safety Education, and Fire Code Enforcement. Activities in these areas will continue vigorously and will be expanded further.

Of the 28 fire deaths recorded, all occurred where there were no smoke detectors installed, when smoke detectors were not functioning, or where other adverse conditions existed.

The Department is continuing to enforce the Fire Safety Regulations of the State Multiple Dwelling Law, with emphasis on smoke detectors and exit requirements. Although the Department has no legal obligation to enforce this law, an agreement was reached with the New Jersey Department of Community Affairs for processing and prosecution.

During 1985, three 1,000 GPM Pumpers with Tele-Squirt accessories, one 110 ft. Aerial Ladder Quint and one Heavy Duty Rescue Unit were delivered and placed in service. The Fireboat is undergoing a complete overhaul and will be in service in early 1986.

Total fires in the city increased by 4.9% from 1984, while total building fires decreased by 16.8%. The most dramatic decrease was the number of false alarms, showing a decrease of 42.8%. Vacant building fires remained approximately the same following a dramatic decrease in 1984. Outside fires increased slightly reflecting the drought conditions experienced during the year. Vehicle fires increased 29% over 1984 and an Ad Hoc Committee has been formed to study this problem.

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

Page 2

The Fire Resource Management Study, conducted with Public Technology Incorporated (PTI), is now complete and a committee has submitted its recommendations relating to relocation and consolidation of certain fire facilities.

RECOMMENDATIONS

- * The continuation of fire apparatus replacement program.
- * Replacement of obsolete and poorly located fire stations.
- * The continuation of the fire station rehabilitation program.
- * The acquisition of a Fire Protection Engineer to assist in evaluating fire protection technology that is constantly being developed.
- * The continuation of the water main cleaning and relining program.
- * That members of the Judiciary impose maximum penalties for violations of the Fire Prevention Code, especially where there are violations of the Smoke Detector Code Ordinance, the transmission of false alarms, and the vandalism and illegal opening of fire hydrants.
- * The continuation of the vacant building demolition program.
- * The continuation of Public Fire Safety Education progress involving all city agencies.
- * The continuation of replacing outdated equipment in Fire Alarm Headquarters.
- * The continuation of support for increased and more intensive Fire Code Enforcement Activities.

I hereby heartily commend Fire Chief Stanley J. Kossup, and all the Officers and men under his command, and also the Members of the Administrative Staff, for their dedicated and efficient service rendered throughout the year.

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

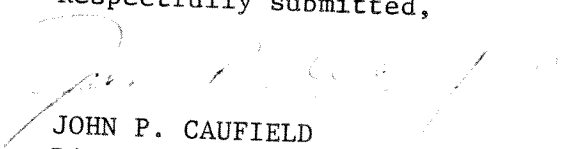
Page 3

A debt of gratitude is owed to the Fire Department Surgeon and to the Chaplains of the Department for their outstanding efforts in attending to the needs of the members of the Department.

I also extend thanks to the Fire Department's Citizens' Advisory Committee for their efforts and advice, and thanks are also extended to the Members of the Bell & Siren Club for their help and comfort during times of emergency.

On behalf of the Members of the Fire Department, I extend to you, Mr. Mayor, to the Members of the Municipal Council, to the Business Administrator and to all City Department Directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

Respectfully submitted,


JOHN P. CAUFIELD
Director, Fire Department

oOo

Newark

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

February 21, 1986

Hon. John P. Caufield, Director
Newark Fire Department
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1985.

The past year has again shown that, despite the many problems we have faced, we continue to meet all demands and obligations placed upon us and the caliber of fire service the public receives remains at a high level. This can be directly attributed to the dedication to duty displayed by our Members; the cooperation of other Departments; and the high level of leadership and understanding exhibited by the Administration.

As in past years, the City of Newark continued to experience financial problems. Surmounting these obvious restrictions, we continued to implement our methods for improving service to our citizens.

During 1985, three 55-foot "Tele-Sqrts", a 110-foot aerial ladder with pumping capability, and a new heavy-duty Rescue Unit were put into service. Emergency One Company received the award for two 1,000 gallon pumpers and delivery of the units is expected in March of 1986.

Our Fire Alarm System is undergoing modernization, which will provide a new Municipal Fire Alarm Control Panel. Communication will further be improved with the installation of three "Spectra-TAC" satellite receivers which will reduce the dead spots that currently plague our system.

In November, the Administration approved the acquisition of five new heavy-duty station wagons and three sedans.

Our firehouse rehabilitation program continued with the refurbishing of Engine Co. 29; Truck Co. 10; Engine Co. 16; Truck Co. 8; Engine Co. 15; Engine Co. 28; and Engine Co. 14. In addition to this, most of the major work has been completed on the Fireboat.

Finally, the Hazardous Material Emergency Response Plan is ready to be put into service in 1986. Specifications for a "HAZ-MAT" unit were completed

Newark

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

Hon. John P. Caufield, Director
Newark Fire Department

February 21, 1986
Page Two

during 1985 and the bid awarded. Further, we are awaiting delivery of HAZ-MAT protective clothing, suppression equipment, medical supplies, communication equipment, etc. The Rescue Squad and Truck Co. 1 have been designated as the HAZ-MAT response units and members have received the necessary levels of training to put this system into effect. The training will be on-going.


Much has been accomplished, and plans are in process to provide our firefighters with the necessary and desirable state-of-the-art equipment.

The Newark Fire Department has embarked on a course that will devote more attention and manpower to Fire Prevention activities in future years. This should further decrease the need for suppression concerns, thus making the City of Newark and its citizenry even better protected from the ravages of fire.

I wish to again extend to all Members of the Department my sincere appreciation for the many efforts they have made in the efficient performance of their duties, often under hazardous and stressful conditions.

I also extend my thanks to Mayor Kenneth A. Gibson, the Members of the Municipal Council, and to all agencies and City Officials who have in any way assisted our Department in meeting its goals of fire prevention and suppression during 1985.

Respectfully submitted,

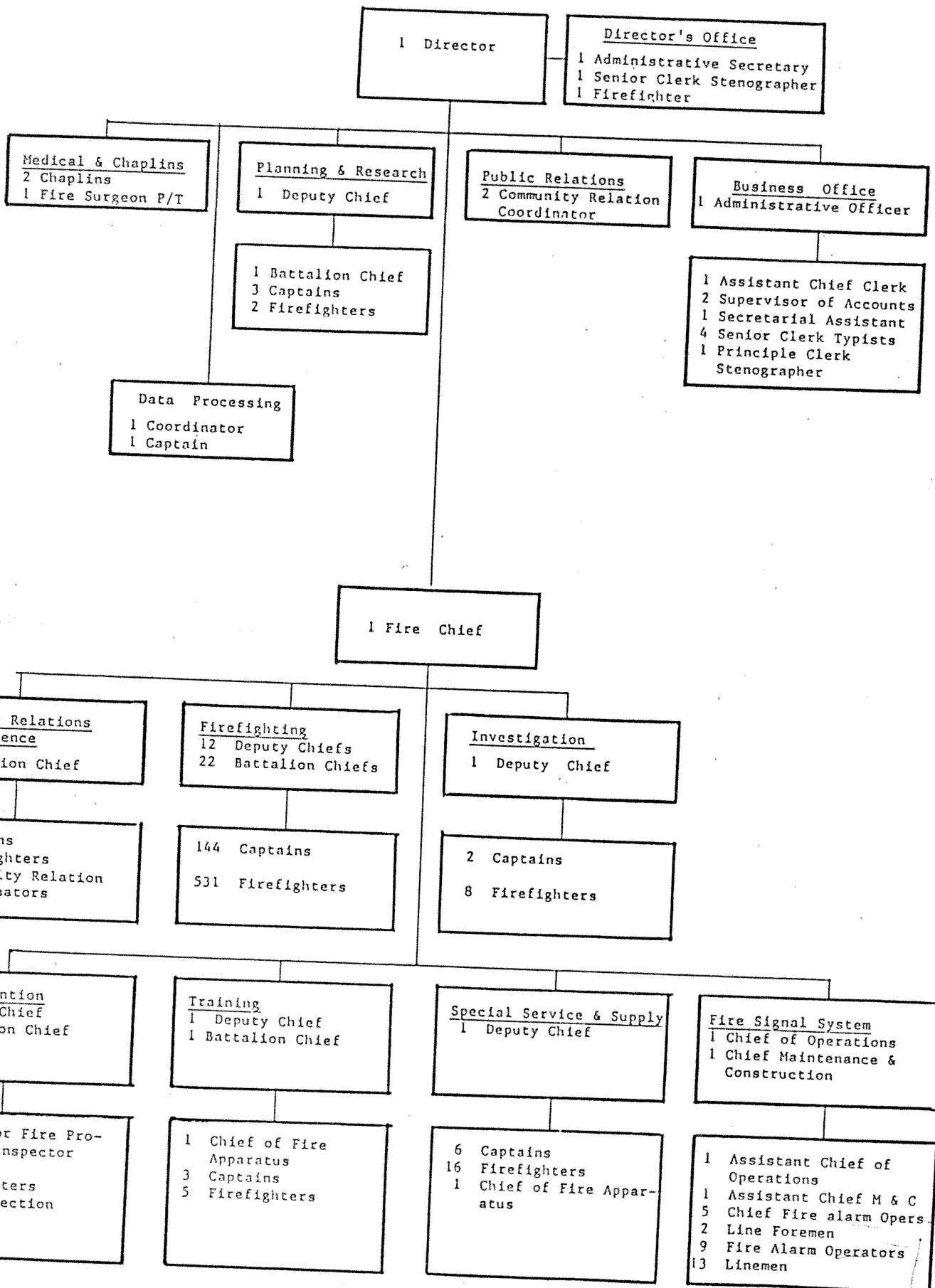

STANLEY J. KOSSUP,
Fire Chief

SJK:JMR
Enc.

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FIRE DEPARTMENT - CITY OF NEWARK N.J.

ORGANIZATIONAL CHART



F I R E D E P A R T M E N T - C I T Y O F N E W A R K

Hon. Elton Hill
Business Administrator

Hon. Kenneth A. Gibson
Mayor

Hon. John P. Caufield
Fire Director

William T. Whalen, Administrative Officer
Esther Conrad, Administrative Secretary
Kenneth Blaha, Asst. Chief Clerk

Stanley J. Kossup, Fire Chief, U.F.D., Commanding
Alexander McGrory, Deputy Fire Chief, Executive Officer

DEPUTY FIRE CHIEFS

1st Deputy Division

James McCormack
Robert John Miller
Edward R. Dunn
Albert Maresca

2nd Deputy Division

Edward J. Chrystal
Joseph J. Pierce
John Griggs
William M. Carragher, Jr.

Coordinators

David Kinnear
James Raymond
Robert J. Buccine
Cantalora Palestino

BATTALION FIRE CHIEFS

1st Battalion

Edward Rydzewski
Frederick Nolan
Richard Meeker
Frank A. Calvitti

3rd Battalion

Leonard Mendola
Joseph Ricca
Richard Bitter
James H. Cody

4th Battalion

James Richardson
Kenneth Miller
James Smith
Anthony De Troia

5th Battalion

James P. Finucan
Robert J. Smith
Joseph T. Miller
Carroll Henderson

ROVING

Tours 1 & 3

Robert Gaynor

Tours 2 & 4

Pasquale Stellitano

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SUB-DIVISIONS OF THE FIRE DEPARTMENT

Fire Prevention Division

James Morgan, Deputy Chief
John Higginson, Battalion Chief
William Kingeter, Battalion Chief
Alfred Machiaverna, Supervising Fire Protection Inspector
John Anstiss, Supervising Fire Protection Inspector
Anthony Nardone, Supervising Fire Protection Inspector (Prov.)

Division of Investigation

John Tartis, Deputy Chief
Emil Nardone, Captain
George Daudelin, Captain

Fire Signal System Operation

Albert Lasso, Chief, Communications
Vincent Lyons, Asst. Chief, Communications
John DiBlasio, Chief, Maint./Constr.
Walter J. Maszczak, Asst. Chief, Maint./Constr.

Special Services & Supply

Joseph L. Magnusson, Deputy Chief
Walter Mueller, Chief of Fire Apparatus
Joseph Abbondante, Captain, Mask Division
William Scholz, Captain, Supply Division
Anthony Graziano, Captain, Hose Division
Raymond McGee, Captain, Tours 1 & 3
Joseph Critchley, Captain, Tours 2 & 4

Fire Training Center

Alfred Freda, Deputy Chief
Carl Duerr, Captain, Instructor (apparatus)
Eugene Anderson, Captain, Audio-Visual, T. V. (apparatus)
Abnathy Alfonso Mason, Captain, Minority Recruitment

Planning & Research Division

John J. Valent, Deputy Chief
Louis P. Formisano, Batt. Chief (Retired)
James Wilson, Battalion Chief
Albert R. Payne, Captain
Thomas Burke, Captain
Eli Savarese, Captain

Community Relations & Civil Defense (Emergency Management)

Robert Fitzpatrick, Battalion Chief
Charles Manara, Captain, Civil Defense

Medical Division

Morris Halper, M.D., Fire Surgeon (Part Time)

Chaplains

Rev. Horton J. Raught, Catholic
Rabbi Horace Zemel, Jewish

F I R E D E P A R T M E N T

Financial Statement

Salaries and Other Pay Appropriations	\$25,599,433.00
Other Expenses Appropriations	<u>470,671.00</u>
	\$26,070,104.00

Expenditures

Salaries	\$23,336,186.61
Overtime	574,346.22

Miscellaneous Receipts

Fire Prevention & Life Safety Division	\$ 57,405.00
Miscellaneous	4,528.07

Miscellaneous

5/6/85	N.J. Turnpike Authority	
	Response 7/1/84-12/31/84	\$1,275.00
5/6/85	U.S. Postal Service (Refund of funds of P. O. Box)	\$ 103.07
11/14/85	N.J. Turnpike Authority	
	Response 1/1/85-6/30/85	3,150.00

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F I R E D E P A R T M E N T
VITAL STATISTICS - 1985

APPOINTMENTS

June 3, 1985	-	Edward J. Griffith, 3d	-	Lineman
" " "	-	Michael Kossup	-	"
" " "	-	Dennis Caufield	-	"
" " "	-	Barbara Norman	-	Lineman, Provisional
June 17, 1985	-	Marjorie Hutton	-	Fire Alarm Operator
June 24, 1985	-	Yolanda Bergerey	-	Senior Clerk Typist
Nov. 4, 1985	-	David Giordano	-	Firefighter

PROMOTIONS

PROMOTED TO:

Feb. 4, 1985	-	James Finucan	Battalion Chief
" " "	-	William Kingeter	" "
" " "	-	James Wilson	" "
" " "	-	Pasquale Stellitano	" "
" " "	-	Anthony Nardone	Supervising Fire Protection Inspector, Provisionally
Mar. 21, 1985	-	John Higginson	Battalion Chief

RESIGNATIONS

Oct. 4, 1985	-	Anthony Garcia	-	Firefighter
Nov. 23, 1985	-	Howard Ferguson	-	Firefighter

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F I R E D E P A R T M E N T

VITAL STATISTICS (2)

RETIREMENTS

1/1/85	Captain Arthur Linhoff	4/1/85	F/F Thomas Carroll
"	F/F William Mackin	"	F/F Carl Wysocki
"	F/F Warren Di Bernardo	"	F/F Stanley Dziadosz
"	F/r Fred Scalera	"	F/F Michael Joyce
"	F/F Edward Coffey	5/1/85	F/F Benjamin Richardson
"	F/F Michael Catalon	"	F/F Peter Barone
"	F/F James Conlon	6/1/85	Batt. Chief Louis Formisano
"	F/F John Cullen	"	Captain Robert Reed
"	F/F James Noll	"	F/F Richard Barrett
"	F/F John Lynch	"	F/F William Holey
"	F/F Fred Mitchell	"	F/F Louis Lodato
"	F/F David Bolden	"	F/F Fred Schmitz
2/1/85	Batt. Chief Anthony Maresca	"	F/F Walter Sakala
"	Captain James Gower	"	F/F Robert Jenkins
"	Captain Frank Leber	7/1/85	F/F John Goetchius
"	F/F Richard Howarth	"	F/F Rosario Raffa
"	F/F Joseph Serio	"	F/F Michael Cox
"	F/F Frank Kisselman	"	F/F Glen Molchan
"	F/F Clifford Fox	8/1/85	F/F Gilbert Robinson
3/1/85	F/F Kenneth Jacobus	"	F/F Edward Gorman
"	F/F Edward Gartland	"	F/F Paul Hauser
"	F/F Richard MacAvoy	10/1/85	Captain Emmet Fitzgerald
"	F/F Vito Melicci	"	F/F Jerry Lippolis
"	F/F James Martin	"	F/F James Brown
"	F/F Andrew Prachar	12/1/85	F/F Elton Fisher
"	F/F Joseph Palmisano		
"	F/F Fred Zarro		
"	F/F Charles Montalbano		

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COMPANY STATISTICS 1985

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	NO. OF HYDRANTS INSPECTED	NO. OF DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BLDG. INSPECTIONS
Eng. Co. 5	1632	427	0	205:45	63,700	297	405	937:59	220
Eng. Co. 6	3091	1245	0	317:00	131,250	345	361	1061:20	198
Eng. Co. 7	2816	1115	0	310:13	92,890	350	480	1139:14	333
Eng. Co. 8	1013	305	0	119:50	14,700	310	324	612:20	184
Eng. Co. 9	2373	1109	0	271:59	58,130	392	251	760:25	194
Eng. Co. 10	1908	723	5	231:59	58,050	282	357	928:30	357
Eng. Co. 11	2377	701	0	268:00	73,500	380	362	930:70	430
Eng. Co. 12	2408	748	0	215:08	78,750	220	261	1024:09	136
Eng. Co. 13	1385	636	0	164:05	26,548	352	365	667:25	174
Eng. Co. 14	1331	351	18	179:48	28,760	468	356	720:25	236
Eng. Co. 15	2128	444	0	181:00	51,280	220	328	704:00	246
Eng. Co. 16	692	291	0	151:59	7,575	355	340	349:50	331
Eng. Co. 17	2074	575	2	178:00	55,550	299	268	843:00	233
Eng. Co. 18	2159	608	0	270:00	64,450	250	314	875:00	293
Eng. Co. 19	1230	376	0	145:58	31,180	351	318	690:31	298
Eng. Co. 21	938	187	1	101:48	13,700	320	282	529:55	262
Eng. Co. 26	1010	270	0	87:00	14,050	426	286	516:19	316
Eng. Co. 27	1030	313	0	148:15	31,800	425	375	654:02	346
Eng. Co. 28	1310	451	3	137:00	36,700	498	279	557:05	352
Eng. Co. 29	1937	592	15	181:38	38,750	272	381	691:03	278
Rescue Sq.	1921	883	256	--	--	352	349	1018:17	170
Fireboat	Out of Service								
TOTALS	34,843	11,267	300	3845:05	926,983	7,364	6,942	16,208:79	5287

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1985
COMPANY STATISTICS (2)

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OUT OF QUARTERS	FEET OF LADDERS USED	IN-SERVICE BLDG. INSPECTIONS	NO. OF HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS
Truck Co. 1	1630	525	2	869:35	13,698	283	616	405
Truck Co. 4	909	276	3	668:15	2,891	167	550	364
Truck Co. 5	2198	805	12	1182:10	14,010	268	218	228
Truck Co. 6	1037	375	5	679:00	3,923	464	298	353
Truck Co. 7	2017	779	0	941:59	9,803	382	380	378
Truck Co. 8	585	200	9	497:27	3,234	267	305	296
Truck Co. 9	1828	634	0	857:00	8,114	447	268	232
Truck Co.10	1511	405	0	696:55	5,722	276	329	365
Truck Co.11	2132	471	19	848:34	12,739	278	391	382
Truck Co.12	743	285	0	293:46	3,451	386	360	366
TOTALS	14,590	4,755	50	7533:59	77,585	3,210	3,715	3,369

BATTALION CHIEFS

BATTALION DISTRICTS	NO. OF ALARMS ANSWERED	NO. OF ALARMS WORKED	TOTAL DISTRICT INSPECTIONS
Batt. Dist. 1	3,271	1,341	175
Batt. Dist. 3	2,255	1,156	342
Batt. Dist. 4	2,955	1,266	230
Batt. Dist. 5	2,068	977	187
TOTALS	10,549	4,740	934

DEPUTY CHIEFS

DEPUTY DIVISIONS	NO. ALARMS ANSWERED	NO. ALARMS WORKED	TOTAL DISTRICT INSPECTIONS
Deputy Div. 1	2,140	1,118	187
Deputy Div. 2	1,211	947	248
TOTAL	3,351	2,065	435

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(1)

FIRE PREVENTION AND LIFE SAFETY DIVISION

Annual Report for 1985
Submitted By
William Kingeter, Officer In Charge

1985 was a year that saw some of the most progressive legislation in the history of Fire Safety passed and signed into law. Broad new responsibilities and authorities have been assigned to Fire Safety Inspectors and Fire Officials.

Industrial, Mercantile, Institutional, High Rise, Assembly, certain residential and other Use Groups have been classified as to Life Hazard occupancies and registered with the New Jersey Bureau of Fire Safety.

The New Jersey Uniform Fire Code was adopted by the City of Newark and will be a powerful weapon to be used against the fire problem that exists in the City of Newark.

This legislation has made New Jersey a state with some of the strongest Fire Safety Laws in the United States.

The Fire Prevention and Life Safety Division has cooperated with the New Jersey Bureau of Fire Safety in the past year and will continue to do so in order to implement the new Fire Code in an effort to make the City of Newark a more fire safe place in which to work and live.

SMOKE DETECTORS

Smoke Detectors remain to be the Fire Protection device that will receive the highest priority in the ensuing years just as they have in the past year. Undoubtedly smoke detectors have saved several lives in the past year and strict enforcement of the Fire Codes that call for the installation and maintenance of these Life Saving Devices will continue to be held as one of the highest priorities by the Division.

PUBLIC EDUCATION

One of the most important functions of the Fire Prevention and Life Safety Division is to deliver the message of Fire Safety to the residents of Newark and those that work in Newark.

If the citizens are made aware of the problems that may exist then they may avoid the consequences that a fire can cause.

All requests for speakers were answered and many civic groups, schools, places of employment and other concerned citizens were informed as to Fire Safety.

FIRE PREVENTION AND LIFE SAFETY DIVISION

VACANT BUILDINGS

Through the cooperative efforts of the Fire Department and the Engineering Department many abandoned buildings were demolished and many more made secure from trespass. Vacant buildings have been a source of many fires in the city and they will continue to be closely monitored by the Division.

FIRE RECORDS

The Fire Records Bureau has maintained its high degree of efficiency and has compiled accurate statistics which reflect the fire situation in our City. The request for fire verifications are all answered as quickly as possible in a professional manner significant of a large city Fire Department. All fires concerning injuries and deaths are investigated and an attempt has been made to determine the source of ignition.

PLAN REVIEW

The Division, through the Uniform Construction Code Section, has reviewed all plans for new construction, alterations, additions and major repairs, that were submitted for approval.

The input of the Fire Sub Code Official has assured an increased level of fire protection and means of egress in all areas of construction.

FIRE SUPPRESSION SYSTEMS

Sprinkler Systems, the first line of built-in Fire Defense, were given the usual close monitoring that they deserve. The Fire Prevention Code calls for annual testing and every effort to see that these tests were performed was made.

This program will continue and it will undoubtedly assist in holding down the fire loss.

PERMITS

The permits issued by the Fire Prevention Division continue to be one of our highest priorities, and computerizing the list of permits has aided in keeping the situation well in hand. These permits which aid in monitoring the hazards which exist in the City are an invaluable aid to the Fire Department and will continue to receive a high order of priority. Plans are in the offing to have a computer card for all places of business that require a permit for their operation.

(3)

FIRE PREVENTION AND LIFE SAFETY DIVISION

PENALTY ASSESSMENTS

The New Jersey Uniform Fire Code requires that the Fire Official for the City of Newark, which is the Officer in Charge of the Division of Fire Prevention and Life Safety, assess penalties for unabated violations of the code.

This program was instituted in August and although it has caused a large increase in the work load of the Division it will eventually let the violators of the Fire Code realize that unsafe buildings will bring certain monetary punishment or punitive closing.

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DIVISION OF FIRE PREVENTION AND

LIFE SAFETY

TOTAL INCIDENTS -----	16,941
Fire Incident Response -----	5,780
Other Response -----	11,161
Misc. Signal 5's (Not Responded) -----	<u>2,650</u>
	19,591
BUILDING FIRES -----	1,705
*(Occupied -----	1,466
(Vacant -----	239
*(Including non-hostile Fires as per-901 Code)	
NON-BUILDING FIRES -----	4,075
(Dumpsters -----	421
(Auto -----	1,519
(Truck/Bus/Frt. --	192
(Brush/Rubbish ---	1,943
MALICIOUS FALSE ALARM -----	5,013
ALL OTHER RESPONSE -----	6,148
FIRE RELATED DEATHS -----	28
(Civilian -----	27
(Firefighter ---	1
MULTIPLE ALARM FIRES -----	64
2nd. Alarm ----	58
3rd. Alarm ----	6
4th. Alarm ----	0
SIGNAL 11 -FIRES -----	384
(Occupied -----	286
(Vacant-----	85
(Non-Building--	13
MUTUAL AID TO ASSIST NEWARK --	0
OUT OF CITY RESPONSE -----	26

DIVISION OF FIRE PREVENTION ANDLIFE SAFETY

TOTAL INCIDENTS -----		16,941
Fire Incident Response -----	5,780	
Other Response -----	11,161	
Misc. Signal 5's (Not Recorded) -----		
	TOTAL	<u>2,650</u> 19,591
BUILDING FIRES -----	1,415	
(Occupied -----	1,176	
(Vacant -----	239	
NON-BUILDING FIRES -----	4,075	
(Dumpster -----	421	
(Auto -----	1,519	
(Truck/Bus/Frt. -----	192	
(Brush/Rubbish -----	1,943	
NON-HOSTILE FIRES -----	290	
(C/Cooking -----	76	
(Incinerator/Comp. -----	151	
(Arcing/Sht. Circuit --	36	
(Other -----	27	
MALICIOUS FALSE ALARM -----	5,013	
ALL OTHER RESPONSE -----	6,148	
FIRE RELATED DEATHS -----	28	
(Civilian -----	27	
(Fire Fighter -----	1	
MULTIPLE ALARM FIRES -----	64	
2nd. Alarm -----	58	
3rd. Alarm -----	6	
4th. Alarm -----	0	
SIGNAL 11-FIRES -----	384	
(Occupied -----	286	
(Vacant -----	85	
(Non-Building -----	13	
MUTUAL AID TO ASSIST NEWARK -----	0	
OUT OF CITY RESPONSE -----	26	

BUILDING INSPECTIONS-----		30,265
(by Bureau Inspectors)-----	21,575	
(Inservice Inspections)-----	8,690	
 FIRE CODE VIOLATIONS PROCESSED-----		4,525
(Rec' from in-Service Co's)-----	1,058	
(Bureau Inspectors)-----	2,678	
(Telephone/Letters)-----	591	
(Other Departments)-----	198	
 SPECIAL BUREAU DETAILS-----		114
(Public Functions)		
 FIRE PREVENTION LECTURES-----		2,600
(School Children Involved)-----	53,100	
(Other Civic Groups)-----	2,050	
 FIRE PREVENTION LITERATURE DISTRIBUTED-----		200,000
 PLANS EXAMINED AND APPROVED-----		398
(Re; Sprinklers/Standpipe/etc)		
 PERMITS ISSUED -----		1,855
 PERMIT FEES COLLECTED-----		\$ 57,455
 COURT CASES INSTITUTED-----		123
(Violations of Fire Code)		
 COURT CASES INITIATED-----		504
(Postponed)-----	352	
(Withdrew)-----	0	
(Dismissed)-----	27	
(Bench Warrant)-----	40	
(Guilty)-----	85	
 FINES COLLECTED-----		\$ 20,945
 VACANT BUILDING INSPECTED-----		1,205
 PHOTOGRAPHS TAKEN-----		2,600
 BUILDING REGISTERED-----		4,129
 SMOKE DETECTOR PLANS PROCESSED-----		1,589
 LETTERS SENT-----		2,072
(Regular)-----	1,486	
(Registered)-----	586	
 SEMINAR/CONTINUING EDUCATION (Man Hours)-----		691
 OFFICE LECTURES/DEMONSTRATIONS (Man Hours)-----		647

(7)

FIRE DEATH STATISTICS

<u>MONTH</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>
JAN.	6	3	0	1	1	2	4	1	3	4	4	4	3	4
FEB.	4	12	4	1	0	4	5	12	0	1	9	1	5	0
MAR.	10	1	3	0	6	1	3	1	3	1	1	0	1	3
APR.	4	5	1	9	0	2	4	9	2	5	1	2	1	5
MAY	4	2	3	7	2	0	0	4	4	3	0	2	0	2
JUNE	0	5	0	8	0	0	0	1	3	3	1	4	0	3
JULY	1	2	0	1	1	3	1	0	1	2	0	1	1	0
AUG.	0	0	3	1	0	0	5	0	3	0	0	0	2	1
SEPT.	7	2	0	1	1	0	5	1	0	0	2	0	4	6
OCT.	4	1	1	2	0	1	1	0	0	1	6	0	0	2
NOV.	6	2	0	1	1	1	4	6	1	0	1	1	0	0
DEC.	0	3	6	1	4	14	14	2	3	6	0	6	5	2
TOTAL	<u>46</u>	<u>38</u>	<u>21</u>	<u>33</u>	<u>16</u>	<u>28</u>	<u>46</u>	<u>37</u>	<u>23</u>	<u>26</u>	<u>25</u>	<u>21</u>	<u>22</u>	<u>28</u>

(8)

FIRE DEATH STATISTICS

(By Age)

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>age 7 to 17</u>	<u>age 18 to 30</u>	<u>age 31 to 50</u>	<u>age 51 to 70</u>	<u>age OVER 70</u>
1971	40	7	8	5	8	11	1
1972	46	11	7	7	12	4	5
1973	38	12	6	6	5	10	1
1974	21	7	3	1	3	5	2
1975	33	13	5	3	3	9	0
1976	16	3	1	3	2	3	4
1977	28	5	2	5	7	6	2
1978	46	11	8	5	13	6	3
1979	36	6	4	6	4	7	9
1980	23	8	2	2	7	3	1
1981	26	10	1	7	3	3	1
1982	25	5	6	2	4	7	0
1983	21	2	1	2	9	3	2
1984	22	2	5	2	5	7	1
1985	28	2	7	5	11	2	0
							+ 1-Unknown
							+ 1-Unknown
							+ 2-Unknown
							+ 1-Unknown
							+ 1-Unknown

(9)

MULTIPLE ALARMS

<u>MONTH</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>
JAN.	13	5	5	4	7	7	10	10	5	14	10	6	8	7
FEB.	4	5	5	0	6	6	9	15	13	5	10	0	6	7
MAR.	7	7	4	6	4	4	5	8	7	4	7	3	8	11
APR.	16	6	5	12	4	4	15	11	14	13	3	1	3	3
MAY	8	9	6	11	4	14	5	7	12	19	8	7	5	5
JUNE	4	9	6	4	8	4	14	6	4	7	4	6	5	3
JULY	9	7	5	5	2	15	12	3	10	10	6	8	3	4
AUG.	8	8	9	3	3	7	10	1	9	11	6	5	5	4
SEPT.	3	9	10	3	3	2	7	5	4	6	8	2	7	4
OCT.	2	5	2	3	1	9	3	4	7	8	9	3	6	7
NOV.	4	8	10	0	8	2	8	7	10	3	6	5	4	4
DEC.	5	4	7	6	12	9	9	7	9	10	7	4	13	5
TOTAL	83	82	74	57	62	83	107	84	104	110	84	50	73	64

1985 - MULTIPLE ALARM FIRES - 1985

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
00143	JAN. 4	2049	4418	174- Springfield Ave.	1-St. Br.	2ne.
00296	8	2045	4256	52-56- Ridgewood Ave.	3-St. Fr.	3rd.
00346	9	2333	2145	908- McCarter Hwy.	3-St. Br.	2nd.
00384	10	1935	4462	731-33- So. 18th.	3-St. Fr.	2nd.
00672	17	0841	5243	296- Lafayette St.	1-St. Fr.	2nd.
00853	21	2221	2412	130- Pennsylvania Ave.	3-St. Fr.	2nd.
00854	21	2358	3523	895- Broadway	3-St. Fr.	2nd.
					Apt. W/Bus.	
01524	FEB. 7	0059	1232	28- Bond St.	2-St. Br.	2nd.
01626	9	2113	1434	188- So. 10th.	3-St. Fr.	2nd.
01630	9	2219	1132	116- W. Market St.	3-St. Br.	2nd.
01826	15	0728	3229	2- Broad St.	4-St. Br.	2nd.
01907	17	0749	3422	125-27- No. 11th. St	3-St. Fr.	2nd.
02351	26	0922	2432	177- Milford Ave	2-St. Br.	2nd.
02439	28	1047	4157	640- Martin L King Blvd.	4-St. Br.	2nd.
					Apt.	
02588	MAR. 2	2108	4468	756- So. 15th.	3-St. Fr.	2nd.
02660	4	0323	3162	79-81- Garside St.	2-St. Fr.	2nd.
02808	7	0150	3248	557-59- Summer Ave.	2-St. Fr.	2nd.
02851	8	0247	3255	13- Broad St.	3-St. Fr.	2nd.
02862	8	0931	4317	55- 16th. Ave.	3-St. Fr.	2nd.
02903	8	2326	2181	79- Bleeker St.	2-St. Fr.	2nd.
03321	17	0841	4442	764- So. 18th. Ave.	3-St. Fr.	2nd.
03386	18	1358	1364	176- So. 7th. St.	5-3-St. Fr.	2nd.
03550	21	1106	4211	251- Bruce St.	4-St. Br.	3rd.
03891	27	1434	5422	97- Pacific St.	3-St. Fr.	2nd.
03956	28	1534	3519	755-59- Broadway	3-3-St. Fr.	2nd.

(11)

1985 - MULTIPLE ALARM FIRES - 1985

INCIDENT #	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
04270	APR. 4	0007	1414	65,67- So. 11th.	2-3-St. Fr.	Dw. 422
04749	13	1806	4151	172- Ridgewood	3-3-St. Fr.	Dw. 422
04836	15	1341	3528	807- Summer	2-St. Fr.	Dw. 414
						2nd. 3rd. 2nd.
05834	MAY 4	1757	4152	493- Irvine Turner Blvd.	3-St. Fr.	Dw. 422
06056	9	0050	1312	387- W. Market	3-St. Fr.	Dw. 422-5
06456	15	0220	4413	457- Hawthorne	3-St. Fr.	Dw. 422-5
06526	16	0844	3418	300- No. 7th.	3-St. Fr.	Dw. 422-5
07236	30	1513	1317	221-23- 5th.	2-3-St. Fr.	Dw. 422
						2nd.
07553	JUNE 6	0354	1331	38-40- 4th.	3-St. Fr.	Dw. 422
07996	14	2055	2131	106-08- Central	2-3-St. Fr.	Dw. 422
08855	30	2208	4325	477- Bergen	2-St. Fr.	Dw. 422
						2nd.
09409	JULY 11	1701	1232	294-96- Orange	2-3-St. Fr.	Dw. 422
09483	12	2256	3136	80- Park	2-St. Br.	Restaurant 161
10250	28	0419	4465	520-24- So.17th.	3-3-St. Fr.	Dw. 422
						2nd. 3rd.
11006	AUG. 13	0717	1492	441-45- So.16th.	3-3-St. Fr.	Dw. 422
11397	22	1136	1447	410-14- So.16th.	3-3-St. Fr.	Dw. 422
11400	22	1331	3512	17- Elwood	5-St. Br.	Apt. 423
11801	31	0904	4243	130- W. Runyon	3-St. Fr.	Dw. 422
						2nd.

(12)

1985- MULTIPLE ALARM FIRES - 1985

INCIDENT #	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
12076	SEPT. 6	0517	4456	127- 16th.	3- ST. Fr.	Dw. 422
12418	13	2115	1131	64- Boston	4- St. Br.	Dw. 422
12438	14	0656	1496	468- So. 16th,	3- St. Fr.	Dw. 422
12562	17	0209	4452	564-66- So. 10th,	2-3- St. Fr.	Dw. 422
13482	OCT. 8	2351	5328	105- Ave. L	Outside Storage	854
13711	14	2048	4465	443-47- So. 16 th.	3-3- St. Fr.	Dw. 422-5
13775	16	1037	5137	697- Market	3- St. Br.	School 213-5
14122	24	0043	3241	103-05- Oraton	2-2- St. Fr.	Dw. 414
14275	26	2329	3255	325- Broadway	3- St. Br.	Duplex 423
14307	27	1614	5151	1-3- Cornelia	Outside	984
14335	27	2251	5197	524- Ferry	Outside	984
15238	NOV. 17	2223	2143	Park Pl. & Center	12- St. Br.	Hotel 445-5
15343	20	1440	1332	18- 1st.	3- St. FR.	Dw. 422-5
15350	20	1544	1487	509-11- Central	3- St. Fr.	Dw. 422
15647	26	1129	2146	16- Park	12- St. Br.	Hotel 445-5
15943	DEC. 6	2358	1477	202- 14th.	2- St. Fr.	Dw. 414
16049	10	0405	5142	459-63- Ferry	2- St. Fr.	Dw. W/Bus. 421
16166	12	2034	2114	141-43- Market	7- St. Br.	Dept. Str. 581
16859	29	2255	4514	489-505-Elizabeth	6- St. Br.	Apt. 424
16898	31	0046	2213	20- Branford		
TOTAL MULTIPLE ALARMS						
2nd Alarm-----						58
3rd Alarm-----						6
						64

HIGH RISE BUILDING REPORT

<u>N.H.A</u>	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APT.-----	1	0	0	1	2
BAXTER ELDERLY----	0	0	0	0	0
BRADLEY COURT-----	0	0	0	0	0
COLUMBUS HOMES----	25	5	4	34	68
FELIX FULD -----	1	1	0	2	4
HAYES HOMES -----	36	0	3	47	86
HAYES ELDERLY-----	0	0	0	0	0
HYATT COURT -----	0	0	0	0	0
KRETCHMER HOMES---	23	2	6	70	101
KRETCHMER ELDERLY-	0	0	0	0	0
PENNINGTON COURT--	0	0	0	1	1
ROOSEVELT HOMES---	0	0	0	1	1
SCUDDER HOMES-----	30	0	2	30	62
SCUDDER ELDERLY---	0	0	0	0	0
SETH BOYDEN-----	0	0	0	4	4
SETH BOYDEN ELDERLY	0	0	0	0	0
STEPHEN CRANE-----	0	0	0	0	0
STEPHEN CRANE ELDERLY	0	0	0	0	0
WALSH HOMES-----	7	1	0	5	13
WALSH ELDERLY-----	0	0	0	0	0
WRIGHT-----	74	9	12	64	159
TOTAL-----	197	18	27	259	501
OTHER THAN N.H.A.-	87	13	46	141	287

NEWARK PUBLIC SCHOOLS

(14)

ELEMENTARY SCHOOL

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
ABINGTON AVENUE----	0	1	5	3	9
ALEXANDER STREET---	0	6	3	0	9
ANN STREET -----	0	0	9	2	11
AVON AVENUE-----	0	5	6	3	14
BELMONT RUNYON----	0	0	1	0	1
BERGEN STREET-----	0	7	8	2	17
BRAGAW AVENUE-----	0	4	2	1	7
BROADWAY -----	0	1	6	3	10
BURNET STREET-----	0	6	4	4	14
CAMDEN MIDDLE-----	0	7	8	6	21
CAMDEN STREET-----	0	10	6	2	18
CARVER, GEORGE W.--	0	7	13	3	23
CHANCELLOR AVENUE--	0	3	2	2	7
CHANCELLOR ANNEX---	0	0	0	0	0
CLEVELAND -----	0	14	7	6	27
CLINTON AVENUE-----	0	0	0	3	3
DAYTON STREET-----	1	6	8	8	23
EIGHTEENTH AVENUE--	1	11	6	2	20
ELLIOTT STREET-----	0	9	16	5	30
FIFTEENTH AVENUE---	1	4	17	2	24
FIRST AVENUE-----	0	1	2	2	5
FLAGG, E. ALMA-----	0	1	1	0	2
FOURTEENTH AVENUE--	0	2	3	0	5
FRANKLIN -----	0	3	3	0	6
HARRIET TUBMAN ----	0	7	5	1	13
HAWKINS STREET ----	0	0	4	7	11
HAWTHORNE AVENUE---	1	4	11	3	19
LAFAYETTE STREET---	0	1	1	0	2
LAFAYETTE ANNEX----	0	0	0	0	0
LINCOLN-----	1	0	2	3	6
LOUISE A. SPENCER--	0	5	2	0	7
MADISON -----	0	5	3	0	8
MAPLE AVENUE-----	0	16	14	4	34
MAPLE AVENUE ANNEX-	0	0	3	0	3
MARCUS GARVEY-----	0	1	3	2	6
MARTIN, DR. L. KING	1	16	17	5	39
MC KINLEY-----	0	3	6	0	9
MILLER STREET-----	0	1	6	0	7
MORTON STREET-----	0	1	4	2	7
MOUNT VERNON-----	1	7	3	1	12
NEWTON STREET-----	0	11	2	1	14
OLIVER STREET-----	0	9	2	0	11
PESHINE AVENUE-----	0	2	4	3	9
QUITMAN STREET-----	2	4	12	2	20
RIDGE STREET-----	0	0	1	0	1
RIDGE STREET ANNEX-	0	0	1	0	1
ROBERTO CLEMENTE---	0	6	6	1	13
ROBERTO CLEMENTE ANN.	0	0	1	0	1
ROSEVILLE AVENUE--	1	1	1	1	4
ROSEVILLE AVE. ANNEX	0	0	0	0	0

NEWARK PUBLIC SCHOOLSELEMENTARY SCHOOL (cont.)

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
SOUTH STREET-----	0	3	4	0	7
SO. SEVENTEENTH ST.--	0	36	11	3	50
SPEEDWAY AVENUE-----	0	0	2	1	3
SUSSEX AVENUE-----	0	0	4	1	5
THIRTEENTH AVENUE----	0	19	11	0	30
WARREN STREET-----	0	2	11	2	15
WEST KINNEY MIDDLE---	0	0	4	0	4
HORTON, DR. WM.H.----	0	2	6	2	10
WILSON AVENUE-----	0	5	8	2	15

JUNIOR HIGH SCHOOL

BARRINGER PREPARATORY	1	1	2	1	5
BROADWAY JUNIOR HIGH	1	0	0	0	1
EDUCATION CENTER----	0	0	0	0	0
NEWARK EVENING HIGH-	0	0	0	0	0

SENIOR HIGH SCHOOL

ARTS HIGH-----	0	2	2	4	8
BARRINGER HIGH-----	3	10	7	0	20
CENTRAL HIGH-----	3	9	8	3	23
EAST SIDE HIGH-----	4	43	87	4	138
SCIENCE HIGH-----	0	0	1	0	1
SHABAZZ, MALCOLM X.-	1	3	30	5	39
UNIVERSITY HIGH-----	0	0	3	3	6
VAILSBURG HIGH-----	2	1	5	2	10
WEEQUAHIC HIGH-----	3	29	17	1	50
WEST SIDE HIGH-----	0	10	10	5	25

PROFESSIONAL ART SCH.
POST HIGH SCHOOL LEVEL

NEWARK SCHOOL of FINE & INDUSTRIAL ART----	0	0	0	0	0
---	---	---	---	---	---

SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON HIGH-----	0	0	0	0	0
ARLINGTON AVENUE -----	0	0	1	0	1
BOYLAN STREET-----	0	0	2	1	3
BRANCH BROOK-----	0	0	2	0	2
BRUCE STREET-----	0	0	0	0	0
CHESTNUT STREET-----	0	0	0	0	0
HELEN A. KELLER-----	0	0	0	0	0
JOHN F. KENNEDY-----	0	1	6	0	7
MONTGOMERY STREET-----	0	28	8	0	36
N.J. REGIONAL DAY-----	0	0	0	0	0
SAMUEL L. BERLINER-----	0	0	0	0	0
THIRTEENTH AVENUE UNIT----	0	0	0	0	0
WEST KINNEY MIDDLE UNIT---	0	0	0	0	0
HAROLD WILSON-----	0	0	0	0	0
<u>TOTALS</u> (All Schools Combined)	28	412	502	135	1,077

0. MEANS OF EGRESS		TOTAL
01. Hallway, corridor, mall -----	90	
02. Exterior stairway, fire escape -----	9	
03. Interior stairway, ramp -----	29	
04. Escalator -----	0	
05. Lobby, entrance way -----	9	
1. ASSEMBLY, SALES AREA		
11. Large area w/fixed seats (100 or more) -----	0	
12. Large open room w-o fixed seats -----	0	
13. Small area less than 100 -----	5	
14. Lounge area, living room-den etc. -----	0	
15. Sales, showroom, shop area -----	2	
16. Library -----	0	
2. FUNCTIONAL AREA		
21. Sleeping room under 5 persons -----	40	
22. Sleeping area for 5 or more persons -----	2	
23. Dining area, lunchroom, cafeteria -----	2	
24. Kitchen, cooking area -----	41	
25. Lavatory, locker room, cloakroom -----	5	
26. Laundry room -----	2	
27. Office -----	2	
28. Personal service area, health club etc. -----	2	
3. FUNCTIONAL AREA (continued)		
31. Laboratory -----	0	
32. Printing/photo room -----	0	
33. First aid treatment area -----	0	
35. Electrical/data processing area -----	0	
36. Stage, dressing room area -----	0	
37. Projection room -----	0	
38. Process, mfg., workroom area -----	0	
4. STORAGE AREA		
41. Storage tank or bin -----	5	
42. Closet -----	2	
43. Supply storage room -----	11	
44. Record storage room, vault -----	2	
46. Trash, rubbish/area, container -----	117	
45. Shipping, receiving area -----	11	
47. Garage, carport -----	42	

E-5. SERVICE FACILITIES

(18)

TOTAL

51. Elevator, dumbwaiter -----	13
52. Utility shaft -----	13
53. Light shaft -----	5
54. Chute, laundry-mail -----	1
55. Duct, heat-air cond. -----	5
56. Display window -----	0
57. Chimney -----	4
58. Conveyor -----	1

6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	0
62. Heating equipment room -----	0
64. Incinerator room -----	6
65. Maintenance shop, -----	0

7. STRUCTURAL AREA

72. Open porch -----	20
74. Concealed ceiling/roof space -----	43
75. Concealed wall space -----	7
76. Exterior wall surface -----	7
77. Exterior roof surface -----	46
78. Awning -----	2

8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	1,269
82. Trunk area -----	36
83. Engine area -----	1,228
84. Fuel tank, line area -----	5
85. Control area -----	8
86. Exterior area -----	15

9. OTHER AREA OF ORIGIN

91. On or near Railroad/right of way -----	51
92. On or near Highway/public way -----	72
94. Lawn/Field/Parks -----	58

F. EQUIPMENT INVOLVED IN IGNITION

TOTAL

1. HEATING SYSTEM

11. Central heating unit -----	2
12. Water heater -----	0
13. Fixed, stationary local heating unit -----	0
14. Indoor Fireplace -----	1
15. Portable local heating unit -----	8
16. Chimney, Vent, Flue -----	5
17. Chimney connector, vent, connectors -----	0
18. Heat transfer system -----	0

2. COOKING EQUIPMENT

21. Fixed, stationary surface unit -----	68
22. Fixed, stationary ovens, rotisseries -----	8
23. Fixed, stationary food warmers -----	0
24. Deep-fat fryer -----	2
25. Portable cooking, warming unit -----	5
26. Open fire grill -----	0
27. Grease hood, duct -----	3

3. AIR CONDITIONING, REFRIGERATION EQUIPMENT

31. Central air cond. refrigeration -----	1
32. Water cooling device -----	0
33. Fixed, stationary local refrigerator unit -----	0
34. Fixed, stationary local air conditioner unit -----	0
35. Portable air conditioner, refrigerator unit -----	0

4. ELECTRICAL DISTRIBUTION EQUIPMENT

41. Fixed wiring -----	2
42. Transformer, associated overcurrent equipment -----	0
43. Meter, meter box -----	2
44. Panelboard, switchboards, fuses -----	0
45. Switch, receptical, outlet -----	1
46. Ballast, light fixture, sign -----	3
47. Cord, plug -----	4
48. Lamp, light bulb -----	3

5. APPLIANCE, EQUIPMENT

TOTAL

51. Television, radio, tape recorder -----	0
52. Dryer -----	9
53. Washing machine -----	0
55. Motor, generator -----	18
56. Hand tool, soldering iron -----	0
57. Electric blanket, steam iron -----	0
59. Dishwasher -----	0

6. SPECIAL EQUIPMENT

61. Electronic-X-ray, computer -----	0
62. Vending machine -----	0
63. Office machine -----	1
64. Biomedical equipment, device -----	0
65. Pump, compressor -----	2
66. Internal combustion engine -----	3
67. Conveyor -----	1
68. Printing press -----	0

7. PROCESSING EQUIPMENT

71. Furnace, oven, kiln -----	5
72. Casting, molding equip. -----	0
73. Heat treating equip. -----	0
75. Coating, asphalt-rubber -----	0
76. Painting, dipping, spraying -----	0
77. Chemical process, digesters, reactors -----	1
78. Waste recovery equipment -----	0

8. SERVICE, MAINTENANCE EQUIPMENT

81. Incinerator -----	95
84. Tar pot -----	3
85. Arc, oil lamp -----	0
86. Elevator -----	0
87. Torches, cutting, welding -----	3

G-FORM OF HEAT OF IGNITION

TOTAL

1. HEAT FROM FUEL-FIRED, FUEL-POWERED EQUIP. (Gas-Liq.)

11. Spark, heat from cutting torch -----	2
12. Spark, heat from welding torch -----	3
14. Spark, flame escaping from gas fueled equip. -----	0
16. Spark, flame escaping from liquid fueled equip. -----	0

2. HEAT FROM FUEL-FIRED, FUEL-POWERED EQUIP. (Solid Fuel)

21. Spark from wood/paper fueled equip. -----	0
22. Heat from wood/paper fueled equip. -----	0
26. Heat from other solid fueled equip. -----	0
28. Heat from fueled fired equip. -----	6

3. HEAT FROM ELECTRICAL EQUIPMENT

31. Water caused short circuit -----	0
32. Short circuit from mechanical damage -----	0
33. Short circuit from defective insulation -----	0
34. Short circuit arc unspecified -----	0
37. Heat from overloaded equipment -----	0

4. HEAT FROM HOT OBJECT

41. Heat, spark from friction -----	2
43. Hot ember ash -----	0
45. Rekindle, reignition -----	92
47. Heat from/improperly operated electric equip. -----	0

5. HEAT FROM EXPLOSIVE, FIREWORKS

51. Munitions -----	0
53. Blasting agent -----	0
54. Fireworks -----	2
56. Incendiary device -----	

6. HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MATERIALS

61. Cigarette -----	4
66. Candle, taper -----	13

G-(Cont.)

TOTAL

6. HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

61. Cigarette -----	4
62. Cigar -----	0
63. Pipe -----	0
65. Match, Lighter -----	2
66. Candle, taper -----	13
67. Warning flare, Fuse -----	0
68. Backfire from internal combustion engine -----	0

7. HEAT FROM NATURAL SOURCE

71. Sun's heat -----	0
72. Spontaneous ignition, chemical reaction -----	0
73. Lightning discharge -----	0
74. Static discharge -----	1

8. HEAT FROM ANOTHER HOSTILE FIRE (exposure)

81. Heat from direct flame -----	23
82. Radiated heat -----	11
83. Heat from flying brand, ember -----	1
84. Conducted heat -----	0
89. Not classified above -----	0

9. OTHER FORM OF HEAT OF IGNITION

97. Multiple form of heat of ignition -----	0
99. Form of heat of ignition not classified above -----	0

HA FORM OF MATERIAL FIRST IGNITED

1- STRUCTURAL COMPONENT, FINISH	TOTAL
11. Exterior roof covering -----	2
12. Exterior sidewall covering -----	3
13. Exterior trim, door, porch -----	14
14. Floor covering, tile, carpet, rug -----	1
15. Interior wall covering -----	22
16. Ceiling covering, acoustic tile etc. -----	6
17. Structural members, framing -----	4
18. Thermal insulation within wall -----	3
2- FURNITURE	
21. Upholstered sofa, chair -----	38
22. Non-upholstered chair, bench -----	0
23. Cabinetry, chest, bookcase -----	6
24. Ironing board -----	1
25. Appliance housing or casing -----	14
3- SOFT GOODS, WEARING APPAREL	
31. Mattress, pillow -----	319
32. Bedding, blanket, sheet -----	14
33. Linen other than bedding -----	1
34. Wearing apparel not on person -----	5
35. Wearing apparel on person -----	1
36. Curtain, blind, drapery -----	4
38. Luggage -----	1
4- ADORNMENT, RECREATIONAL MATERIAL	
41. Christmas tree -----	0
42. Decoration for special events-----	0
43. Book -----	2
44. Magazine, newspaper etc. -----	11
45. Toy, games -----	2
46. Awning, canopy -----	2
47. Tarpaulin, tent -----	0

(HA-cont.)

TOTAL

5- SUPPLIES, STOCK

51. Box, carton, bag -----	3
52. Basket, barrel -----	2
53. Pallet, skid -----	4
54. Rope, cord, twine -----	0
55. Packing, wrapping material -----	0
56. Bale storage -----	3
57. Bulk storage -----	1
58. Cleaning supplies -----	2

6- POWER TRANSFER EQUIPMENT, FUEL

61. Electrical wire, insulation -----	6
62. Transformer -----	0
63. Conveyor belt, drive belt -----	1
64. Tire -----	18
65. Fuel -----	0

7- GENERAL FORM

71. Agricultural prod. -----	0
72. Fence, pole -----	0
73. Fertilizer -----	0
74. Growing form, brush, grass -----	39
75. Rubbish, trash -----	1,652
76. Cooking material -----	584
77. Sign -----	2

8- SPECIAL FORM

81. Dust, fiber, lint -----	0
82. Pyrotechnics, explosives -----	0
83. Atomized, vaporized liquid -----	0
84. Chips -----	0
85. Palletized material -----	2
86. Gas, liquid from pipe or container -----	1
87. Rolled material -----	0
88. Adhesive -----	0

9- OTHER FORM OF MATERIAL

91. Railroad ties -----	51
-------------------------	----

HB- TYPE OF MATERIAL FIRST IGNITED

TOTAL

0- WOOD CELLULOSE-NATURAL OCCURRING.

01. Grass -----	16
02. Leaves -----	4
03. Duff -----	0
04. Peat -----	0
05. Tree/Brush -----	514
06. Snag -----	0
07. Logs -----	5
08. Slash -----	0

1- GAS

11. Natural Gas -----	2
12. L.P. City Gas -----	2
13. Manufactured Gas -----	0
14. L.P. Gas -----	1
15. Anesthetic Gas -----	0
16. Acetylene Gas -----	0
17. Special Gas other than Anesthetic -----	0
18. Hydrogen Gas -----	0

2- FLAMMABLE COMBUSTIBLE LIQUIDS

21. Class 1A Flammable liquids -----	5
22. Class 1B Flammable liquids -----	5
23. Gasoline -----	4
25. Class 11 Combustible liquids -----	0

3- VOLATILE SOLIDS, CHEMICAL

31. Grease, fat (food) -----	2
32. Grease (non-food) -----	0
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	0
35. Applied paint, varnish -----	2
36. Combustible material, magnesium -----	7
37. Solid Chemical -----	0

	TOTAL
4. PLASTICS	
41. Rigid -----	0
42. Foam -----	0
43. Flexible -----	0
45. Film plastics -----	0
5. NATURAL PRODUCTS	
51. Rubber -----	18
52. Cork -----	0
53. Leather -----	1
54. Grass, leaves, hay, straw -----	0
55. Grain, feathers, flax, hemp -----	0
56. Coal, coke, briquettes -----	0
57. Food starch -----	0
58. Tobacco -----	5
6. WOOD, PAPER	
61. Growing wood -----	0
62. Felled but unsawn wood -----	0
63. Sawed wood, finished lumber -----	4
64. Wood shavings, sawdust -----	0
65. Hardboard, plywood -----	0
66. Fiberboard, pressboard-wood products -----	0
67. Paper, untreated, uncoated -----	40
68. Cardboard -----	6
7. FABRIC, TEXTILE, FURS	
71. Man-made fiber, fabric -----	0
72. Cotton, rayon -----	0
73. Wool, wool mixture -----	0
74. Fur silk -----	0
75. Wig -----	0
76. Human Hair -----	0
8. MATERIAL COMPOUNDED WITH OIL	
81. Linoleum -----	0
82. Oil cloth -----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	0
85. Asphalt treated material -----	4

(I) IGNITION FACTOR

	TOTAL
1- INCENDIARY	
11. Incendiary -----	304
2- SUSPICIOUS	
21. Suspicious -----	159
Undetermined-----	527
3- MISUSE OF HEAT OF IGNITION	
31. Abandoned, discarded, cigarettes etc. -----	7
32. Thawing -----	0
33. Falling asleep -----	4
34. Inadequate control of open fire -----	0
35. Cutting, welding, too close to -----	3
36. Children playing with -----	2
37. Drug, alchohol-impaired -----	1
38. Impaired person-----	1
4- MISUSE OF MATERIAL IGNITED	
41: Fuel spilled accidentally -----	3
42. Improper fueling technique -----	0
43. Flammable liquid used to kindle fire -----	0
44. Washing, cleaning parts w/flamm. liquid -----	0
45. Improper container -----	0
46. Combustible too close to heat -----	9
47. Improper storage -----	0
48. Children playing with -----	2
5- MECHANICAL FAILURE, MALFUNCTION	
51. Automatic control failure -----	0
52. Manual control failure -----	0
53. Short circuit -----	36
54. Part failure, leak -----	0
55. Other electrical failure -----	0
56. Lack of maintenance -----	0
57. Backfire -----	0

(I) IGNITION FACTOR (cont.)

TOTAL

6- DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY

62. Construction deficiency -----	0
63. Installed too close to combustibles -----	0
64. Other installation deficiency -----	0
69. Not classified above -----	0

7- OPERATIONAL DEFICIENCY

71. Collision, overturn -----	0
72. Accidentally trnd. on, turned off -----	0
73. Equipment unattended -----	6
74. Overload -----	0
75. Failure to clean -----	0
76. Improper startup, shutdown procedure -----	0
77. Equipment used for purpose not intended -----	0
78. Not operated properly -----	0

8- NATURAL CONDITION

81. High wind -----	0
83. High water -----	0
84. Lightning -----	0
89. Not classified above -----	0

9- OTHER IGNITION FACTOR

92. Rekindle from previous fire -----	38
93. Exposure fire -----	35
99. Not classified above -----	0

J.C.A. TYPE OF INCIDENT

(29)

TOTAL

2- OVERPRESSURE, OVERHEATING (no ensuing fire)

21. Steam rupture -----	111
22. Air, gas rupture -----	10
29. Overheat, explosion -----	1

3- RESCUE, EMERGENCY MEDICAL CALL

31. Medical assist -----	6
32. Emergency medical call -----	309
35. People trapped -----	4

4- HAZARDOUS CONDITION, STANDBY

41. Gas leak/flamm. liquid spill -----	54
44. Elect. arc/short -----	419
45. Oilburner delayed ignition -----	349
46. Vehicle accident -----	458
49. Haz. cond. standby -----	20
42. Toxic Condition -----	20

5- SERVICE CALL

51. Locked out/etc. -----	93
52. Water problem -----	345
53. Smoke/odor condition -----	74
54. Animal problem -----	4
55. Police assist -----	64
56. Unauthorized burning -----	33
57. Move-up.-----	57

6- GOOD INTENT CALL

61. Incident cleared prior to arrival -----	14
62. Wrong location -----	0
63. Controlled burning -----	44
64. Multiple box pull -----	2
65. Steam/gas mistaken for smoke -----	16

7- FALSE CALL

73. Malfunction of system -----	1,599
74. Unintentional -----	161
79. N.C.A. -----	9

JDA. ACTION TAKEN

	TOTAL
32- EXTRACTION -----	19
34- MANPOWER -----	717
35- SEARCH -----	1
36- TRANSPORTATION -----	2
37- FORCE ENTRY -----	0
41- REMOVE HAZARD (Spills) -----	155
52- MOVE-UP -----	88
53- FIRE WATCH -----	0
54- WATER REMOVAL -----	0
57- FORCE ENTRY -----	35
91- CODE ENFORCEMENT -----	2
98- NO ACTION TAKEN -----	409
99- NOT CLASSIFIED ABOVE -----	0

JEA-LEVEL OF ORIGIN1- LEVEL ABOVE GRADE

11- GRADE LEVEL -----	319
12- 2nd. STORY -----	241
13- 3rd. STORY -----	162
14- 4th. to 5th. -----	55
15- 6th. to 10th. -----	58
16-11th. to 15th. -----	17
17-16th. to 20th. -----	2
18- Over - 20 -----	1

2- LEVEL BELOW GRADE

21- 1 story BELOW GRADE -----	137
22- 2nd story BELOW GRADE -----	0

JCB-CONDITION ON ARRIVAL

6- FULLY INVOLVED -----	140
7- EXPOSURE -----	31

MOBILE PROPERTY TYPE

(31)

TOTAL

1- PASSENGER ROAD VEHICLES

11. Automobile -----	1,519
12. Bus -----	19
13. Motorcycle, golf cart, snowmobile -----	5
14. Motor home, bookmobile etc. -----	2
15. Travel trailer -----	7
16. Camping/trailer -----	58
17. Mobile home -----	0

2- FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1-ton, general use -----	51
22. Truck under 1-ton- general use -----	24
23. Semi-trailer truck -----	6
24. Tank truck- non-flamm. cargo -----	1
25. Tank truck- flamm/comb. cargo -----	1
26. Tank truck-compressed gas/L.P. gas -----	0
27. Trash truck -----	7

3- RAIL TRANSPORTATION VEHICLES

31. Passenger, diner car -----	2
32. Freight, box car -----	3
33. Tank car -----	0
34. Container, piggy back car -----	2
35. Locomotive, engine -----	0
36. Self-powered car -----	0
37. Maintenance equipment car -----	0

4- WATER TRANSPORT VESSELS

41. Motor craft (under 65 ft.) -----	3
42. Vessel (over 65 ft. under 1000 tons) -----	0
43. Passenger ship -----	0
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship (other than above) -----	1
47. Vessels without power -----	0
48. Commercial fishing vessels -----	0

MOBILE PROPERTY (continued)

TOTAL

5- AIR TRANSPORT VEHICLES

51. Aircraft (under 12,500 lbs.) -----	0
52. Personal aircraft over (12,500 lbs.) -----	0
53. Commercial transport (reciprocating engine) -----	0
54. Commercial (Jet turbine powered) -----	0
55. Helicopter, non-military -----	0
56. Combat type aircraft -----	0

6- HEAVY EQUIPMENT

61. Earth moving-bulldozer, grader, etc. -----	0
62. Construction-pile driver, compressor -----	0
63. Material handling-forklift, tow motor -----	0
64. Crane -----	0
65. Tractor -----	0
69. Equipment not classified -----	0

7- SPECIAL VEHICLES, CONTAINER

71. Garden equipment -----	0
72. Dumpster -----	421
73. Mechanical moving shipping container -----	0
74. Armored equipment -----	0

9- OTHER MOBILE PROPERTY TYPE

98. Mobile property type not applicable -----	0
99. Mobile property type not classified above -----	0
00. Mobile property undetermined/not reported -----	0

11. FIXED USE AMUSEMENT PLACES		FIRES-INSPECTIONS-VIOLATIONS		
111.	Bowling -----	0	0	0
112.	Billiard, pool hall -----	0	0	0
113.	Bingo, dance hall -----	0	26	3
114.	Ice rink -----	0	0	0
115.	Roller rink -----	0	0	0
119.	Not classified above -----	0	0	0
12. VARIABLE USE AMUSEMENT PLACES				
121.	Ballroom, gymnasium -----	0	0	0
122.	Exhibition hall -----	0	0	0
123.	Arena, grandstand -----	3	3	0
124.	Playground -----	28	0	0
13. CHURCH, FUNERAL PARLORS				
131.	Church, chapel -----	5	0	0
132.	Religious education -----	1	0	0
133.	Church hall-meeting -----	0	0	0
134.	Funeral parlor, morgue -----	0	0	0
14. CLUBS				
141.	Boys Club -----	2	2	0
143.	Yacht Club -----	0	0	0
149.	Not classified above -----	0	0	0
15. LIBRARIES, MUSEUM, COURTS				
151.	Library -----	0	0	0
152.	Museum, art gallery -----	0	0	0
153.	Historical building -----	0	0	0
154.	Memorial building -----	0	0	0
155.	Court room -----	1	0	0
16. EATING, DRINKING PLACES				
161.	Restaurant, diner -----	6	31	8
162.	Nightclub -----	0	11	2
163.	Tavern -----	1	41	5
164.	Lunchroom, drive-in -----	0	0	0

17- PASSENGER TERMINAL

FIRE-INSPECTIONS-VIOLATIONS

171. Airport, pass. term. -----	1	4	0
172. Heliport, helistop -----	0	1	0
173. Bus passenger term. -----	0	0	0
174. St. level rail term. -----	41	10	2
175. Underground rail term. -----	0	0	0
176. Elevated rail term. -----	0	0	0
177. Marine pass. term. -----	0	0	0

18- THEATER, STUDIOS

181. Legitimate theater -----	0	0	0
182. Auditorium, concert hall -----	0	0	0
183. Motion pix theater -----	2	5	1
184. Drive-in theater -----	0	0	0
185. Radio, T.V. Studio -----	0	0	0
186. Motion pix studio -----	0	0	0

2- EDUCATIONAL PROPERTY

21- NON-RESIDENTIAL SCHOOLS

211. Nursery Schools -----	1	61	0
212. Kindergarden -----	0	0	0
213. Elementary School -----	14	392	183
214. Junior High School -----	4	28	10
215. High School -----	17	95	28

22- RESIDENTIAL SCHOOL

221. Boarding School -----	0	4	1
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23- TRADE, BUSINESS SCHOOL

231. Vocational trade school -----	3	9	2
232. Business school -----	0	41	9
233. Specialty school -----	0	32	6
234. Rehabilitation center -----	1	8	0

24- COLLEGE, UNIVERSITY

241. College, University -----	0	8	0
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3- INSTITUTIONAL PROPERTY

(35)

FIRE-INSPECTION-VIOLATIONS

31. CARE FOR THE AGED

311. Care/aged w/nursing -----	2	39	4
312. Care/aged w/o nursing -----	0	62	6

32. CARE OF THE YOUNG

321. Day child-care center -----	1	29	2
322. Orphanage -----	0	0	0
323. Foster home -----	0	0	0

33. CARE OF THE SICK, INJURED

331. Hospital -----	10	24	5
332. Sanitarium -----	0	0	0
334. Clinic -----	0	0	0

34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison cell-men -----	0	0	0
342. Prison cell-women -----	0	0	0
343. Juvenile detention home -----	1	1	0
345. Police station -----	0	0	0

35. CARE OF THE PHYSICALLY INCONVENIENCED

351. Care of deaf-mute-blind -----	0	0	0
352. Physical rehabilitation -----	0	0	0

36. CARE OF MENTALLY HANDICAPPED

361. Mental institution -----	0	0	0
362. Mentally retarded -----	0	0	0

30.

309. Institutional unclassified -----	0	0	0
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RESIDENTIAL PROPERTY

FIRES-INSPECTIONS-VIOLATIONS

41- ONE AND TWO FAMILY DWELLINGS			
411. One family dwelling -----	8	42	8
414. Two family dwelling -----	233	398	69
42- APARTMENTS, TENEMENTS, FLATS			
421. 1 or 2 units w/business -----	5	987	93
422. 3 through 6 units -----	288	2,761	584
423. 7 through 20 units -----	82	1,583	269
424. over 20 units -----	393	3,982	992
43- ROOMING, BOARDING, LODGING HOUSE			
431. 3 to 8 roomers -----	3	721	91
432. 9 to 15 roomers -----	1	292	69
439. Not Classified Above-----	1	0	0
44- HOTELS, MOTELS, INNS			
441. Less than 20 units -----	1	4	1
443. 20 to 90 units -----	2	10	3
445. 100 to more units -----	1	6	4
46- DORMITORIES			
461. School, college dorm. -----	0	0	0
462. Fraternity, sorority -----	0	0	0
463. Nurses quarters -----	0	0	0
465. Convent, monastery -----	0	0	0
466. Workers bunk house -----	0	0	0
48- HOME HOTELS			
481. Less than 20 units -----	0	0	0
483. 20 to 99 units -----	0	0	0
485. 100 or more units -----	0	0	0
49- OTHER RESIDENTIAL OCCUPANCY			
491. Childrens playhouse -----	0	0	0
492. Outdoor tents -----	0	14	0

FIRES-INSPECTIONS-VIOLATIONS

51. FOOD AND BEVERAGE SALES

511. Supermarket -----	1	14	5
512. Grocery store -----	5	41	6
513. Specialty food store -----	2	9	0
514. Liquor, beverage store -----	2	39	0
515. Creamery, dairy store -----	0	0	0
516. Delicatessen -----	0	10	1

52. TEXTILE, WEARING APPAREL SALES

521. Clothing store -----	1	44	7
522. Clothing access, shoe store -----	0	18	2
523. Shoe repair shop -----	0	5	0
524. Tailor, dressmaking shop -----	0	4	0
525. Fur store -----	0	0	0
526. Dry goods store -----	0	6	2

53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store -----	2	30	4
532. Appliance store -----	0	8	0
533. Hardware store -----	0	3	0
534. Music store -----	0	0	0
535. Wallpaper, paint store -----	0	8	0
536. Rug, floor covering store -----	0	0	0
537. Furniture REPAIR -----	0	0	0
538. Appliance repair shop -----	0	0	0

54. SPECIALTY SHOP

541. Book, stationery store -----	0	0	0
542. Newsstand, tobacco shop -----	0	0	0
543. Drug store -----	1	4	0
544. Jewelry store -----	0	0	0
545. Gift store -----	2	0	0
546. Leather goods shop -----	0	0	0
547. Florist, greenhouse -----	0	0	0

55. RECREATION , HOBBY, HOME REPAIR

FIRES-INSPECTIONS-VIOLATIONS

551. Hobby, toy shop -----	0	0	0
552. Sporting goods sales -----	0	6	0
553. Photo supplies-sales -----	0	0	0
554. Garden supply stores -----	0	0	0
555. Retail lumber sales -----	0	4	0
556. Pet stores/hospital -----	0	0	0
557. Barber, beauty shop -----	0	0	0

56. PROFESSIONAL SUPPLIES, SERVICES

561. Professional supply sales -----	0	0	0
562. Trade supply sales -----	0	0	0
563. Art supply sales -----	0	0	0
564. Laundry/cleaners/self-service ----	0	30	2
565. Linen supply house -----	0	8	0
566. Laundry/cleaner pick-up -----	0	5	0
567. Home maintenance services -----	0	0	0
568. Car washing facilities -----			

57. MOTOR VEHICLE, BOAT SALES, SERVICES

571. Service station, public -----	2	271	11
572. Service station, pvt. -----	0	0	0
573. Vehicle repair/paint shop -----	8	213	15
574. Vehicle, trailer sales -----	0	0	0
575. Vehicle accessory sales -----	0	0	0
576. Boat, craft sales -----	0	0	0
577. Service station, marine -----	0	0	0
578. Car washing facilities -----	0	0	0

58. GENERAL ITEM STORES

581. Department stores -----	1	38	2
582. Variety store, small -----	2	53	5
583. Variety store, large -----	0	49	0
584. Mail order store -----	0	0	0
585. Mail -----	0	0	0

59. OFFICES

591. General business office -----	7	15	2
592. Bank -----	0	0	0
593. Medical research office -----	0	0	0
594. Engineering/architectural -----	0	0	0
595. Mailing Office -----	0	0	0
596. Post office -----	0	0	0

6- BASIC INDUSTRY, UTILITY, DEFENSE

FIRE-INSPECTIONS-VIOLATIONS

61. NUCLEONICS, ENERGY PLANT

614. Steam heat energy plant -----	0	0	0
615. Elect. generating plant -----	0	0	0
616. Gas Manufacturing plant -----	0	0	0

62. LABORATORIES

621. Chemical, medical lab -----	0	0	0
627. Research-general -----	0	0	0

63. COMMUNICATIONS, DOCUMENT FACILITY

632. Radio, radar site -----	0	0	0
633. Fire, police comm. ctr. -----	0	0	0
634. Telephone exchange -----	0	0	0
635. Computer, data process -----	0	0	0
636. Document-repository -----	0	0	0

64. UTILITIES

642. Elect. distrib. ctr. -----	2	2	0
644. Gas distributing center -----	2	0	0
645. Flamm. distrib. ctr. -----	0	0	0
646. Steam distrib. ctr. -----	1	0	0
647. Water distrib. ctr. -----	0	0	0
648. Sanitary, garbage service -----	1	0	0

65. AGRICULTURE

657. Fruit, vegetable packing -----	0	0	0
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66. FORESTRY, HUNTING, FISHING

662. Log storage pile -----	0	0	0
664. Tree -----	4	0	0

68. NONMETALLIC MINERAL PRODUCTS

681. Clay products mfg. -----	0	0	0
682. Glass mfg. -----	0	0	0
684. Pottery mfg. -----	0	0	0
685. Cement mfg. -----	0	0	0
686. Concrete batch plant -----	0	0	0
688. Plaster prod. mfg. -----	0	0	0

75. WOOD ,FURNITURE,PAPER, PRINTING

FIRES- INSPECTIONS- VIOLATIONS

755. Paper,Pulp,Paperboard mfg.-----	2	6	0
756. Paper.Pulp,Paperboard products-----	1	4	0
757. Newspaper/Magazine printing-----	1	4	0
758. Printing/Publishing -----	1	2	0

76. CHEMICALS ,PLASTICS ,PETROLEUM

761. Industrial chem.mfg.-----	6	12	2
762. Hazardous chem. mfg.-----	1	2	0
763. Plastic mfg. -----	0	0	0
764. Plastic prod. mfg.-----	0	0	0
765. Paints adhesives mfg.-----	2	4	1
766. Drugs,cosmetics mfg.-----	0	0	0
767. Petroleum,gas refinery-----	1	4	0
768. Asphalt,coal prod. mfg.-----	0	0	0

77. METAL,METAL PRODUCTS

771. Iron,steel mfg. -----	1	2	0
772. Non-ferrous metal mfg.-----	0	0	0
773. Metal products mfg.-----	2	4	0
774. Machinery mfg. -----	0	0	0
775. Elect. machinery mfg.-----	0	0	0
776. Elect. appliance mfg.-----	0	0	0

78. VEHICLE ASSEMBLY MANUFACTURE

781. Ship repairing (over (65'))-----	0	0	0
782. Ship repair (under 65')-----	0	0	0
783. Railway equip.mfg.-----	0	0	0
784. Motor vehicle mfg.-----	0	0	0
785. Bicycle assembly mfg.-----	0	0	0
786. Aircraft,rocket assy.-----	0	0	0
787. Transport equip. mfg.-----	0	0	0

79. OTHER MANUFACTURING

791. Instrument mfg.-----	0	0	0
792. Photo,optical mfg.-----	0	8	0
793. Watch,clock mfg. -----	0	0	0
794. Jewelry mfg.-----	0	0	0
795. Musical instrument mfg.-----	0	0	0
796. Dry cleaning plants -----	0	6	1
797. Photo film processing lab.-----	0	0	0
798. Toy,sporting goods mfg.-----	0	2	0

80. STORAGE PROPERTY

808. Tool shed -----

FIRES-	INSPECTIONS-	VIOLATIONS
15	0	0

83. PROCESSED FOOD, TOBACCO STORAGE

831. Packaged food stuff-----

832. Canned-bottled food-drinks-----

833. Loose bagged food-----

834. Food locker plants -----

835. Cold storage -----

836. Bulk sugar storage-----

838. Packaged tobacco prod.-----

1	4	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	2	0

86. CHEMICAL , PLASTIC PRODUCTS

861. Industrial chemicals-----

862. Hazardous chemicals -----

863. Plastic , Plastic products-----

864. Fertilizer -----

865. Paint/Varnish -----

866. Drugs/cosmetics -----

867. Rubber, rubber products -----

868. Photo, film storage-----

0	4	0
2	8	4
0	0	0
1	0	0
0	6	1
0	0	0
0	0	0
0	0	0

87. METAL, METAL STORAGE

872. Metal parts -----

873. Hardware -----

874. Machinery -----

875. Elect. appliance supp. -----

876. Finished metal prod.-----

877. Scrap, junk yard-----

0	0	0
0	0	0
0	0	0
0	4	0
0	0	0
7	15	4

88. VEHICLE STORAGE

881. Garage, residential -----

882. Garage, parking -----

883. Bus, car, truck fleetdealer-----

884. Heavy equip. (machinery)-----

885. Marine-boat, ship -----

886. Aircraft hangar-----

887. Railway storage-----

888. Fire Station -----

42	11	4
11	4	0
0	0	0
1	1	0
0	0	0
0	0	0
0	0	0
0	0	0

89. GENERAL ITEM STORAGE

891. General warehouse -----

13	27	8
----	----	---

91. CONSTRUCTION, UNOCCUPIED PROPERTY

FIRES - INSPECTIONS- VIOLATIONS

DAI-	1. Under construction-----	0	0	0
	5. Vacant property-----	239	1,205	
	6. Abandoned -----	0	0	0
	7. Being demolished -----	0	0	0

92. SPECIAL STRUCTURES

921.	Bridge, trestle-----	8
922.	Tunnel -----	0
923.	Public mailbox-----	11
924.	Toll station-----	1
925.	Shelter, bus, storm-----	2
926.	Outbuilding-----	0
927.	Telephone booth -----	0

93. OUTDOOR PROPERTY

930.	Insufficient Information-----	193
931.	Open land, field-----	12
932.	Dump, land fill-----	1
933.	Residential yard-----	322
934.	Cemetery -----	3
936.	Vacant lot-----	363
938.	Park -----	44
937.	River front -----	2

94. WATER AREA

942.	Port channel-----	0
943.	Piers-----	2
944.	Flamm. liquid/Gas /loading/unloading-----	0
946.	Inland water area-----	1

95. RAILROAD PROPERTY

951.	Railroad right of way-----	55
952.	Switchyard -----	5
953.	Siding -----	3

96. ROAD, PARKING PROPERTY

961.	Divided highway -----	70
962.	Paved public street-----	583
963.	Paved private street-----	2
965.	Open parking lot-----	15

98. OUTSIDE EQUIPMENT- OPEN AREA

984.	Industrial plant yard-----	51
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DIVISION OF INVESTIGATION

(Arson Squad)

ANNUAL REPORT FOR THE YEAR 1985

submitted by

CAPTAIN EMIL C. NARDONE

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1985:

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Division and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco and Fire Arms, New Jersey Motor Vehicle Department, New Jersey and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A: 14-7.1.

Continued to cooperate with Essex County Prosecutor's Office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center.

Provided speakers for the following engagements: New Jersey State Arson Advisory Committee, New Jersey Bell and the Optimist Club.

Arson Squad (2)

Members of the Arson Squad took the following courses:

Arson for Profit Investigation, given by the Federal Bureau of Alcohol, Tobacco and Firearms. (ATF)

Division of Criminal Justice Arson Investigation Training Course, at the State Police Barracks, Sea Girt, New Jersey.

Advanced Arson Investigation, given by Division of Criminal Justice at Kean College, Union, New Jersey.

Basic Police Course for Arson Investigators, given at Newark Police Academy. All members requalified in the care and use of firearms in this course.

Hazardous Waste Investigation and Prosecution, at the Essex County Police Academy.

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DIVISION OF INVESTIGATION
(Arson Squad)
Investigations for the year 1985

Signal 100	539
Signal 102	524
Multiple Alarms	65
Complaints	<u>145</u>

Total	1,273
-------	-------

Signal 200 (Deaths)	27
Signal 300 (False Alarms)	2

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Motor Vehicles</u>	<u>Total</u>
Arson	154	13	137	304
Accidental	101	3	5	109
Undetermined	342	93	92	527
Suspicious	<u>93</u>	<u>9</u>	<u>55</u>	<u>157</u>
Total	690	118	289	1,097

ARRESTS

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Arson	11	36	47
False Alarms	3	2	5
Threat to Burn	0	2	2
Warrant	0	1	1
Others	<u>2</u>	<u>8</u>	<u>10</u>
Total	16	49	65

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand (Fire)	8	0	8
Reprimand (Sig.300)	3	0	3
Referred to Division of Youth and Family Services	-	0	0
Referred to Youth Aid Bureau	-	7	7
Court Appearances	-	59	59
Court Hours	-	198	198

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DIVISION OF INVESTIGATION
(Arson Squad)
Deaths by Fire 1985

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Building Code</u>
Jan. 6	0039	4311	260 Bergen Street	B/F	45	Accidental	414
Jan. 6	0039	4311	260 Bergen Street	B/M	26	Accidental	414
Jan. 6	0039	4311	260 Bergen Street	B/F	5	Accidental	414
Jan. 6	0039	4311	260 Bergen Street	B/M	11	Accidental	414
Mar. 9	2103	4211	313 - 15th Avenue	B/F	44	Arson	421
Mar. 30	2316	4535	2 Keer Avenue	B/M	9	Undetermined	424
Mar. 30	2316	4535	2 Keer Avenue	B/M	4	Undetermined	424
Apr. 4	0007	1414	65 So. 10th Street	B/F	41	Accidental	422
Apr. 6	2200	4337	66 Ingraham Place	B/F	43	Undetermined	414
Apr. 7	0051	4459	600 So. 18th Street	B/M	51	Undetermined	414
Apr. 8	1825	4146	109 Hillside Avenue	B/F	43	Arson	424
Apr. 30	2158	1443	450 So. Orange Avenue	B/M	52	Accidental	22
May 4	1757	4152	493 Irvine Turner Blvd.	B/F	6	Accidental	423
May 4	1757	4152	493 Irvine Turner Blvd.	B/M	11	Accidental	423
June 29	0022	2324	69 Sherman Avenue	B/M	43	Undetermined	431
June 29	0022	2324	69 Sherman Avenue	B/M	66	Undetermined	431
June 29	0022	2324	69 Sherman Avenue	B/F	50	Undetermined	431
Aug. 31	0230	1429	112 So. 13th Street	B/M	30	Undetermined	431
Sept. 1	0758	4339	295 Hawthorne Avenue	B/M	32	Arson	424
Sept. 6	0517	4454	127 - 16th Avenue	B/F	10	Undetermined	423
Sept. 6	0517	4454	127 - 16th Avenue	B/F	7	Undetermined	423
Sept. 6	0517	4454	127 - 16th Avenue	B/M	7	Undetermined	423
Sept. 6	0517	4454	127 - 16th Avenue	B/F	29	Undetermined	423
Sept. 6	0517	4454	127 - 16th Avenue	B/F	24	Undetermined	423
Oct. 8	0055	1441	290 So. 9th Street	B/F	53	Undetermined	414
Oct. 8	0055	1441	290 So. 9th Street	B/M	53	Undetermined	414
Nov. 15	-	-	38 Dewey Street	B/F	35	Suicide	-
*Dec. 31	2125	5119	50 Madison Street	B/M	26	Undetermined	422

*(Firefighter killed in line of duty)

FIRE SIGNAL SYSTEM OPERATIONS

1985 ANNUAL REPORT

ALBERT S. LASSO, CHIEF

In compliance with the Rules and Regulations of the Newark Fire Department, I hereby submit this Annual Report:

1. Alarms transmitted	19,816
2. False Alarms received	5,077
3. Box tests supervised	4,800
4. Tests from private Fire Alarm companies supervised	3,000
5. Tests conducted of Airport Fire Alarm facilities	365
6. Telephone calls handled over Centrex System (approximately)	510,000
7. Radio calls handled (approximately)	300,000
8. Number of circuits tested	90,000
9. Miscellaneous reports prepared and distributed	10,000
10. Individuals and agencies dispatched to multiple alarms	3,600
11. Prepared and distributed daily alarm summary reports	365
12. Prepared orders for purchase of equipment and materials necessary for this Division	
13. Verified invoices and bills related to all Fire Department telephones	
14. Supervised installation of new equipment within the Central Office	
15. Other job operations performed - bookkeeping, janitorial duties, etc.	

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GONG ALARMS TRANSMITTED

DATE FIELD MONTH YEAR

Full assignment alarms (all normally scheduled units)

284 289 306 334 337 268 273 257 225 227 229 227 3256

Signal Eight alarms
response limited to one Engine
company, a Ladder unit and a
Battalion Chief)

63 22 34 33 31 35 78 74 99 95 59 75 698

Signal Nine alarms

(Two Engine Companies, a
Ladder unit and a Battalion
Chief)

464 430 633 587 659 649 593 489 461 459 404 372 6200

Total of the foregoing

811 741 973 954 1027 952 944 820 785 781 692 674 10154

ONE UNIT ALARMS TRANSMITTED

Single company fire incidents,
emergencies, etc.

499 430 687 552 636 600 623 577 543 578 519 543 6787

Total movements in this category.
(Drills, parades, repairs, etc.)

714 628 954 810 924 799 839 761 754 835 659 725 9437

GRAND TOTAL

Paragraphs #1 and #2 combined

1525 1369 1927 1764 1951 1751 1783 1581 1539 1626 1366 1410 19,591

ALARMS RECEIVED FROM (BY):

) Fire Box: 347 395 568 601 612 589 599 468 447 442 344 322 5734

) Public telephone: 367 302 353 312 365 307 302 308 291 277 309 314 3807

) Central Station Automatic
Systems: 74 42 48 41 44 40 35 36 33 40 30 31 494

) Police Department 10 0 2 0 4 6 2 4 5 10 2 2 47

) Department's Radio System: 13 2 2 0 2 10 6 4 9 12 7 5 72

) Total of the foregoing 811 741 973 954 1027 952 944 820 785 781 692 674 10154

MULTIPLE ALARMS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
) Second Alarms	6	7	10	2	5	3	3	3	4	6	4	5	58
) Third Alarms	1	0	1	1	0	0	1	1	0	1	0	0	6
) Fourth Alarms	0	0	0	0	0	0	0	0	0	0	0	0	0
) Total of the foregoing	7	7	11	3	5	3	4	4	4	7	4	5	64

ALARMS FROM FIRE BOXES

) Aggregate number of fire alarm boxes pulled	381	434	624	661	672	648	659	515	492	486	375	351	6298
) Signals from fire boxes held, alarm already transmitted.	34	39	56	60	60	59	60	47	45	44	31	29	564

REPORTS FOR SAME INCIDENT REC. THROUGH TWO UNRELATED MEDIUMS.

) Confirming alarm received from fire box after notice by phone;	31	29	39	28	31	38	28	16	15	16	13	13	297
) Confirming phone notice received after alarm from fire box;	14	22	29	19	20	19	19	24	23	20	27	27	263
) Alarms received from a single source;	766	690	905	907	976	895	897	780	747	745	652	634	9594

MISCELLANEOUS

1) Units relocated in emergencies	1000	57	104	74	89	43	57	62	38	89	55	73	841
2) Telegraph signals transmitted	6609	6144	8044	7718	8335	7416	7444	6608	6262	6461	5693	5710	82444
3) Enroute units stopped by radio and returned to service;	3568	3260	4281	4197	4518	4188	4153	3608	3454	3436	3044	2965	51500
4) Newark units responding to other communities	3	4	3	1	0	3	0	2	4	0	3	3	26

Respectfully submitted;

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Albert S. Lasso, Chief
Fire Sig. Sys. Operations

FIRE SIGNAL SYSTEM OPERATION
 MAINTENANCE & CONSTRUCTION
 ANNUAL REPORT
 FOR THE YEAR 1985
 SUBMITTED BY
 JOHN DI BLASIO, CHIEF
 WALTER MASZCZAK, ASST. CHIEF

The following is an account of this division's work performed during the twelve-month period of 1985, ending December 31.

Subterranean ducts rodded (feet of)- - - - -	10,000
Pullwire installed in ducts (feet of)- - - - -	11,200
Subterranean cable installed (feet of conductor)-	199,000
Single line wire installed (feet of)- - - - -	12,550
Aerial cable installed (feet of conductor) - - -	500
Twin "C" wire installed (feet of conductor)- - - -	24,800
Galvanized messenger installed (feet of)- - - - -	200
Subterranean cable removed (feet of conductor)- -	210,000
Line wire removed (feet of)- - - - -	12,550
Fire Alarm boxes installed (modified)- - - - -	66
Fire Alarm boxes relocated - - - - -	22
Fire Alarm boxes to shop for service/modification -	98
Fire Alarm boxes inspected, tested and wound- - - -	8,958
Stanchions and junctions, replaced or reset - - - -	88
Stanchions and junctions, rehabilitated - - - - -	121
Pole line construction released only - - - - -	310
Pole transfers completed - - - - -	208
Trees trimmed - - - - -	178
Ground rods buried - - - - -	4
Fire house batteries serviced (sets of)- - - - -	336
Field inspections (hours of) - - - - -	98
Field facility patrol (miles of) - - - - -	165
Training sessions (hours of) - - - - -	48
Housekeeping/Vehicle maintenance (hours of)- - - - -	48
Major job operations completed - - - - -	4,304
Minor job and ocrrective functions performed - - -	7,900
Pre-construction and survey conferences - - - - -	6
Central Office maintenance (hours of)- - - - -	144

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SPECIAL SERVICES AND SUPPLY COMPANY
ANNUAL REPORT SUBMITTED BY
JOSEPH L. MAGNUSSON, DEPUTY CHIEF
FOR THE YEAR 1985

The Special Service Division operated on an around-the-clock basis throughout the year, and continued to provide the necessary services of supply and repair to all Fire Department units, and to provide for various services to other city departments and agencies and the community in general. These services are performed by our personnel, some of whom are assigned to tours, and some on a daytime basis only. Planned programs and policies were adhered to, and new programs and procedures have been formulated for the forthcoming year, in an attempt to achieve goals in a most expeditious manner.

Accomplishments and services of various sections in this division during the past year are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule, for routine items. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were such things as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, furniture, lockers, rock salt, ladders, hose and other supplies and equipment that required storage and transportation.

Special Service personnel responded to multiple alarms and special calls with fuel for apparatus, air tanks, salvage covers, and when requested, the Hi-Ex Foam Generator, smoke ejector, and foam concentrates.

Special Service is also charged with pick-up of salvage covers at fire scenes, and the maintenance of same, also the distribution of these covers to fire companies throughout the Fire Department.

Special Service responded on request to cordon off buildings deemed to be in dangerous condition, and posting these buildings indicating that a dangerous condition exists at this site.

Fire apparatus requiring repairs or adjustments were picked up and delivered to various locations. Replacements for these apparatus were delivered to the affected fire companies by Special Service personnel.

MASK REPAIR DIVISION: The mask department was charged with the repair and continuing maintenance of all type masks used by the Fire Department. During the past year, this department bench-checked and rebuilt to proper working specifications, over 3,854 Survivair masks. Air tanks were also repaired and maintained.

Special Services and Supply Company (2)

AIR PURIFICATION UNIT: An M&J Associates Air Purification system was used during the past year, in conjunction with an Ingersoll Rand Compressor, Model H15 T4X 20, 5,000 psi capacity. Our original Robbins Air System, with Ingersoll Rand compressor is now a back-up system. Used in tandem, this package is probably one of the best installations in the country. Over 17,038 air tanks were filled during the past year, with over 400 hours of pumping time recorded during the past year. Provision to comply with Federal and State Health laws were made, air samples were tested monthly, throughout the year.

CANVAS SHOP: Canvas items such as mask box covers, chain saw sheathes, electrical generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, hose bed covers, foam covers, stretchers, tool kit bags, smoke ejector covers, mask facepiece holders, rope bags, etc., were made in this department, as well as maintenance of these items. Window shades for various firehouses were also repaired or fabricated in this department.

STOCK ROOM: All tools, equipment, devices and supplies, (except those ordered through Fire Headquarters and the Hose Shop), were ordered, received, checked, recorded, stored, and distributed as needed to fire units through the delivery service.

Supply room personnel repaired porto-lites, and hand lights of other types, desk lamps, extension cords, K-12 saws, generators, etc. They also made special belts and straps, tested salvage covers, and made necessary arrangements for the construction and maintenance with the carpenter shop to repair axe and hook handles, mask boxes, skid load panels, hose bed decking, apparatus windshields and canopies, and whatever other needs of the Fire Department requiring the services of the carpenter shop.

This department is also charged with the repair of such articles as portable pumps, explosimeters, and the maintenance of a supply of saw blades. The unit also coordinates the necessary building and maintenance of fire department buildings.

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose in service was tested, and defective over-age hose was repaired when possible, as were damaged nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

Using Oxy-Acetylene welding equipment, many apparatus and equipment parts were repaired, and with this equipment added to the maintenance capability of the shop.

Special Services and Supply Company (3)

GENERAL: Various size metal ladders were received, stored and placed in service when necessary. All metal ladders on all apparatus are now maintained and repaired by Special Service personnel.

The program for inventory and test control of gas pressure cylinders used in the department continued throughout the year. These cylinders included air tanks, oxygen tanks, CO² tanks, dry powder and dry chemical extinguisher tanks, air pressure and water extinguishers, and ker-test cylinders. All cylinders are tested when required, on a continuing basis from the date of manufacture.

Special Service is also charged with the scheduling of all building repairs to Fire Department buildings. This unit also endeavors to work closely on this subject with personnel from the Bureau of Construction. Maintenance of a file system, recording building complaints and disposition of same is also kept by this unit.

Community assistance activities included the following during the past year:

Pumped out cellars and basements and community owned swimming pools.

Provided and operated portable electric generators, lamps, cables, at emergency situations and routinely on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Each sub-division of Special Service maintained records and file systems, submitted various required reports consistent with duties, and activities, engaged in necessary clerical work consistent with objectives, correspondence and telephone communications essential to operations, and performed the housekeeping duties necessary to maintain quarters in a clean and presentable condition.

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SPECIAL SERVICES AND SUPPLY COMPANY
ANNUAL APPARATUS REPORT FOR THE YEAR 1985
SUBMITTED BY CHIEF OF APPARATUS
WALTER B. MUELLER

In compliance with rules and regulations, the following report is respectfully submitted, outlining the activities of the Apparatus Division for the year 1985:

- * Performed liaison work between the Repair Shop and the Fire Department.
- * Serviced and tested pumpers.
- * Time tested and inspected aerial ladders.
- * Change-over of apparatus was made when necessary.
- * Lubrication, oil changes, and preventive maintenance work was performed periodically.
- * Supervised the keeping of records of repairs to apparatus.

The Fire Department has a fleet of 85 vehicles and one Fireboat, consisting of:

20 Pumpers and 10 Spare Pumpers.

10 Trucks and four spare Trucks.

One Rescue Squad Unit and one spare Rescue Squad Unit.

The remaining vehicles are assigned to Chiefs, the Training Academy, Special Services and Supply Company, the Arson Squad (Investigation Division), Community Relations, Telegraph Division, and Division of Fire Prevention and Life Safety.

In 1985, seven new vehicles were added to the fleet:

one Rescue Squad Unit, three Sqrts, one Quint, and two vans.

Five vehicles were decommissioned during the year:
two Engines, one Truck, one van, and one station wagon.

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SPECIAL SERVICES AND SUPPLY COMPANY (2)
APPARATUS REPORT

Following is a list of Vehicles and Assignments by Register Numbers:

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1001	1982 Seagrave Rear Mount	Truck Co. 4
1002	1979 Amer. La France Rear Mount	Truck Co. 11
1003	1985 Chevrolet Van	Training
1004	1974 Ward La France Pumper	Engine Co. 5
1005	1981 Continental Pumper	Engine Co. 11
1006	1981 Continental Pumper	Engine Co. 29
1007	1981 Continental Pumper	Engine Co. 19
1008	1972 Mack Pumper	Spare Engine
1009	1968 Mack Pumper	Spare Engine
1011	1985 Chevrolet Van	Telegraph
1012	1972 Mack Pumper	Spare Engine
1013	1976 Hendrickson Squirt	Engine Co. 14
1014	1973 Ward La France Pumper	Engine Co. 27
1015	1974 Ward La France Pumper	Spare Engine
1016	1982 Seagrave Rear Mount	Truck Co. 12
1017	1981 Continental Pumper	Engine Co. 17
1018	1974 Ward La France Pumper	Engine Co. 28
1020	1975 Chevrolet Step Van	Training
1021	1974 Chevrolet Step Van	Training
1022	1968 Mack Pumper	Spare Engine
1024	1981 Continental Pumper	Engine Co. 10
1028	1975 Chevrolet Four Wheel Drive	Training
1029	1972 Mack Pumper	Spare Engine
1033	1973 Ward La France Pumper	Engine Co. 13
1035	1974 Ward La France Pumper	Engine Co. 8
1036	1973 Ward La France Pumper	Engine Co. 16
1038	1983 White/1969 Seagrave	Truck Co. 5
1040	1974 Seagrave	Truck Co. 7
1043	1971 Four Wheel Drive Pumper	Spare Engine
1046	1974 Ward La France Pumper	Engine Co. 26
1048	1976 Hendrickson Squirt	Spare Squirt
1051	1974 Chevrolet Wagon	Arson Squad
1055	1973 Seagrave	Spare Truck
1056	1981 Chevrolet Pick-up	Special Services
1059	1975 Mack	Spare Rescue
1060	1985 Emergency One	Rescue 1
1061	1978 Chevrolet Wagon	Fire Prevention
1062	1980 Chevrolet Wagon	Fire Prevention
1063	1980 Chevrolet Wagon	Community Relations
1065	1978 Chevrolet Wagon	Repair Shop
1066	1981 Chevrolet Wagon	Fire Prevention
1068	1981 Chevrolet Wagon	Dep. Chief James Morgan
1069	1981 Chevrolet Wagon	Battalion 5

SPECIAL SERVICES AND SUPPLY COMPANY (3)
APPARATUS REPORT

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1071	1980 Chevrolet Wagon	Special Services
1072	1980 Chevrolet Wagon	Telegraph
1073	1974 Chevrolet Pick-up	Special Services
1075	1978 Chevrolet Van	Special Services
1077	1972 Seagrave	Spare Truck
1079	1971 Mack Snorkel	Truck Co. 6
1080	1972 Seagrave	Spare Truck
1081	1972 Seagrave	Truck Co. 8
1083	1974 Seagrave	Spare Truck
1084	1981 Chevrolet Wagon	Battalion 4
1085	1970 Chevrolet Cherry Picker	Telegraph
1088	1973 Ward La France Pumper	Spare Engine
1089	1975 Seagrave Rear Mount	Truck Co. 9
1091	1973 Ward La France Pumper	Engine Co. 21
1094	1974 Chevrolet Malibu	Photographer
1097	1973 Ward La France Pumper	Spare Engine
1100	1982 Seagrave Rear Mount	Truck Co. 4
1101	1983 Chevrolet Impala	John P. Caufield
1106	1972 Chevrolet Line Truck	Telegraph
1107	1980 Dodge Boom Truck	Telegraph
1108	1984 G.M.C. Boom Truck	Telegraph
1110	1985 Emergency One Quint	Truck Co. 1
1112	1973 Chevrolet Impala	Community Relations
1113	1978 Chevrolet Impala	Arson Squad
1115	1981 Chevrolet Impala	Arson Squad
1118	1980 Chevrolet Impala	Arson Squad
1119	1980 Chevrolet Impala	D/C Executive Officer
1121	1980 Chevrolet Van	Community Relations
1130	1983 Chevrolet Wagon	Training
1131	1983 Chevrolet Wagon	Battalion 1
1132	1983 Chevrolet Wagon	Deputy 2
1133	1983 Chevrolet Wagon	Battalion 3
1134	1983 Chevrolet Wagon	Deputy 1
1135	1983 Chevrolet Impala	Chief of Department
1136	1983 Chevrolet Impala	Arson Squad
1152	1983 American La France Pumper	Engine Co. 12
1155	1983 American La France Pumper	Engine Co. 15
1156	1983 American La France Pumper	Engine Co. 6
1157	1984 Emergency One Squirt	Engine Co. 7
1158	1984 Emergency One Squirt	Engine Co. 18
1159	1984 Emergency One Squirt	Engine Co. 9
1199	John F. Kennedy Fireboat	Jersey Street

SPECIAL SERVICES AND SUPPLY

HOSE DIVISION
ANNUAL REPORT
SUBMITTED BY
CAPTAIN ANTHONY GRAZIANO
FOR THE YEAR 1985

The following report indicates the amount of fire hose in service, hose in reserve, and used fire hose on hand. Also included is the amount of brass work done as of December 31, 1985.

	<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
1" Booster in service	63 - 50 ft. lengths	3,150 ft.
1" Booster in reserve, new	<u>30 - 50 ft. lengths</u>	<u>1,500 ft.</u>
	93 - 50 ft. lengths	4,650 ft.
3/4" Booster in service	34 - 50 ft. lengths	1,700 ft.
3/4" Booster in reserve, new	<u>18 - 50 ft. lengths</u>	<u>900 ft.</u>
	52 - 50 ft. lengths	2,600 ft.

NEW HOSE RECEIVED

2 1/2" 100 % Poly	25 - 50 ft. lengths	1,250 ft.
1-3/4" 100% Poly	50 - 50 ft. lengths	2,500 ft.
1" Booster	16 - 50 ft. lengths	800 ft.
3/4" Booster	<u>4 - 50 ft. lengths</u>	<u>200 ft.</u>
	95 - 50 ft. lengths	4,750 ft.

NEW HOSE ISSUED

HOSE REPAIRED

4 1/2" 15 ft. length	1 length	4 1/2" 10 lengths
4" 50 ft. lengths	22 lengths	4" 48 lengths
3" 50 ft. lengths	4 lengths	3" 16 lengths
2 1/2" 50 ft. lengths	33 lengths	2 1/2" 30 lengths
1-3/4" 50 ft. lengths	100 lengths	1-3/4" 97 lengths
1 1/2" 50 ft. lengths	6 lengths	1 1/2" 27 lengths
1" 50 ft. lengths (booster)	1 length	1" (booster) 4 lengths
3/4" 50 ft. lengths (booster)	<u>1 length</u>	<u>3/4" " 19 lengths</u>
	168 lengths (8,400 ft.)	251 lengths

HOSE TESTED

MISSING FAILED REPLACED

4" 229 lengths,	11,450 ft.	5	4	9
3" 69 lengths,	3,450 ft.	2	1	3
2 1/2" 284 lengths	14,200 ft.	11	17	28
1-3/4" 198 lengths	9,900 ft.	31	14	45
1 1/2" 109 lengths	5,450 ft.	16	5	21
		(replaced 20 lengths with 1-3/4" hose)		
1" Booster, 63 lengths	3,150 ft.	0	0	0
3/4" Booster, 34 lengths	<u>1,700 ft.</u>	<u>0</u>	<u>0</u>	<u>0</u>
	49,300 ft.	65	41	106

Total number of valves, nozzles, adapters, equipment, and miscellaneous articles issued for the year 1985 is 84. Repaired: 178.

SPECIAL SERVICES AND SUPPLY
PERFORMANCE REPORT
1985

Number of alarms answered	559
Number of pickups and deliveries made	23,549
Gasoline distributed at fires (gallons)	322
Motor oil distributed at fires (gallons)	19
Diesel oil distributed at fires (gallons)	381
Electric generators used	24
Number of lights used	47
Floodlight cable used	25
Window shades	143
Cellars pumped out	157
Hours spent pumping out cellars	416
Port-o-Lites repaired	690
Liquid foam distributed to companies (gallons)	725
Port-o-Lite batteries distributed to companies	1,106
Oxygen cylinders refilled	146
Survivair M.S.A. air cylinders refilled	17,038
15 lb. CO 2 extinguishers refilled	253
Masks repaired	3,854
Canvas covers for bags, boxes, decks, repaired	78
Air tanks repaired	222
Dry powder extinguishers refilled	172
Smoke ejectors on special calls	9
Hi-Ex expansion foam unit on special calls	6
Ladders repaired	89
Ladders repaired (feet)	3,383
Movement of apparatus	97
Metal hooks assembled and repaired	320
Salvage covers picked up	178
K12 and K1290 saws repaired	489
Generators repaired	62
Salvage covers delivered	206

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TRAINING DIVISION
ANNUAL REPORT SUBMITTED BY
ALFRED FREDA, DEPUTY CHIEF
FOR THE YEAR 1985

The Training Division is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented by the National Fire Protection Association, Standard 1001, and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

S.C.B.A., Bell Alarm, Deputy & Battalion Chiefs	1/8/85	- 1/18/85
Elizabeth Fire Department Search & Rescue	1/16/85	
18th Probationary Course Group 1, Part 2	2/4/85	- 2/15/85
18th Probationary Course Group 2, Part 2	2/18/85	- 3/1/85
New Sqrts Training, Engine Co. 7, 9, 18	2/23/85	- 3/17/85
East Orange Fire Department S.C.B.A.	3/27/85	
Companies' response to PATH Railroad & critique of maps..	4/10/85	- 4/18/85
Maplewood Fire Department Probationary Class S.C.B.A. Search and Rescue	5/8/85	
Operation of New Quint Truck Co. 1, all tours	4/22/85	- 5/3/85
Recruit Lineman C.I.M., C.P.R., S.C.B.A., Safety Organization.....	6/3/85	- 6/7/85
City Dog Wardens - Defensive Driving.....	6/11/85	
Recruit Fire Dispatcher - Fire Signals, Chain of Command Fire Organization	6/17/85	
Haz-Mat Training Level A, all tours	6/18/85	- 6/28/85
Protective Clothing for Haz-Mat Rescue, all tours	8/3/85	
Drug & Alcohol Abuse Recognition.....	10/16/85	- 10/25/85
D.O.T. Haz-Mat Tanker Seminar And Demonstration	10/15/85	
Elizabeth Fire Department Probationary Class Search & Rescue, S.C.B.A.....	10/17/85	
Haz-Mat Training Level B, all tours	10/29/85	- 11/4/85
Recruit Training (one man)	11/4/85	- 11/11/85
Emergency Haz-Mat Response Workshop (A.I.D. Inc.)	12/9/85	- 12/11/85
West Orange Fire Department S.C.B.A.	4/23/85	

TRAINING DIVISION (2)

SPECIALIZED TRAINING

Rutgers Health Fair
McKinley School
N.J.I.T. Health Fair
Rutgers University C.P.R.
American Oil
Consolidated Trucking
St. James Hospital

New Jersey Bell
Western Electric Company
Beth Israel Medical Center
Milon Myer Company
Schenhaus Company
United Community Corporation

DEMONSTRATION OF:

Ear-Mark Communication	Vetter Air Bags
New York Rescue Rope	Haz-Mat Computer System
Vestal Foam Truck Wash	Trellborg Haz-Mat Suit
Scott Air Pac 1 Hour	Motorola Radio
Pro-Tech Haz-Mat Suits	Air Systems For Haz-Mat Suits

A very important aspect of this Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Because of the water restrictions placed upon us by the state government, our normal operations in this area were somewhat curtailed. Training in First Aid, Firefighting and related subjects was offered to the following agencies:

University of Medicine & Dentistry of New Jersey
Saint James Hospital
Western Electric Company
New Jersey Bell
Beth Israel Medical Center
Gateway Security
Newark Auxiliary Firefighters
Essex County Correction Officers

Since we have assumed the responsibility of certification of all drivers of fire apparatus, we have gone forward with a well established testing program. This has taken us away from the traditional pass, to one of having some drivers return several times in order to meet our high standards. This includes driving, operating pumps, hydrant hook-ups, aerial operations and placement at fires. In 1985 we have certified fifty-five firefighters.

The Audio-Visual Unit continued to operate under standard operating procedures. This includes filming actual fires for training purposes. All levels of the Haz-Mat Training were filmed for future training; they were edited with our new equipment and are of professional quality.

TRAINING DIVISION (3)

The Fireboat John F. Kennedy, was returned to our dock, after extensive overhauling. We are anticipating an early return to service. We now are preparing plans to retrain the men in the operation and maintenance of the boat.

In cooperation with Foundation for Fire Safety, the Training Academy served as the hub for a study on fire deaths. This study is called Post Mortem Protocols. Once again, Deputy Chief Alfred Freda, Captain Eugene Anderson and Dr. David Barillo responded to all Signal 200's. I am happy to announce that two papers have been published in prestigious Medical Journals on the Newark study.

Under Fire Chief Stanley Kossup's orders, the Commanding Officer of the Training Academy assumed the role of coordinating the new Haz-Mat Team. Under the Fire Chief's direction, many meetings were held, concerning equipment purchases, training matters and all aspects of operating a Class One Haz-Mat Team. I would like to extend praise to members of this team who devoted many hours of their time for this purpose: Deputy Chief Alexander McGrory, Captain Anthony Apostolico and Walter Janicek. When our team becomes fully operational, our unit will become a blueprint for others to follow.

The Commanding Officer and the Staff at the Training Academy, wish to extend our heartfelt thanks and gratitude to the Director, John P. Caufield, and to Fire Chief Stanley J. Kossup, for their progressive leadership and wholehearted support. Without this enthusiastic leadership, it would have been impossible to achieve our objectives.

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TRAINING DIVISION
ANNUAL REPORT SUBMITTED BY
JAMES E. MORGAN, DEPUTY CHIEF
SAFETY OFFICER
FOR THE YEAR 1985

Since I took over the duties of Safety Officer the following activities were performed:

1. Conducted numerous meetings with members of The Safety Committee regarding accidents, Workers Right to Know Act, New Jersey Public Employers Occupational Safety and Health Act, also City of Newark Contingency Hazardous Material Response Plan.
2. Have worked with the Department of Engineering, members of the Training Division, Chief Kossup and Deputy Chief Mc Grory, Louis Berger Associates and Dresdner Associates on the following:
 - A. Contingency Response Plan for Hazardous Material in the City of Newark.
 - B. Assisted in writing specifications for vehicles, communications, support equipment and spill and leak control.
 - C. Assisted in formulating training for Haz-Mat teams Rescue 1 and Truck 1 and incident coordinators. Also, other City, County, State and Federal Agencies.
3. All accident reports were reviewed and classified by myself according to the Fleet Accident Type Classification. During the year 1985 we had thirty-six accidents, fifteen incidents and eight accidents resulted in injuries to eleven firefighters and three civilians. The largest number of accidents was caused by our personnel hitting doors, entering or leaving quarters, or hitting parked cars while turning or striking other stationary objects.

Attended a meeting regarding Accident Review Board, headed by Brenda J. Veltri, Personnel Director.

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TRAINING DIVISION
ANNUAL REPORT SUBMITTED BY
JAMES E. MORGAN, DEPUTY CHIEF
WATER OFFICER
FOR THE YEAR 1985

In the year 1985, in my capacity as Water Officer, I have performed the following activities:

1. Processed 9,000 computer cards sent in during semi-annual hydrant inspections.
2. Notified Mr. Don Wittish, Water Department Engineer, regarding hydrant repairs. We have repaired 709 hydrants.
3. I have worked closely with Mr. Gerrit DeVries, Data Processing Coordinator, regarding up-to-date print-out showing the current status of all hydrants in the city. The current hydrant status lists an average of 300 hydrants per day out of service.
4. Most of the hydrant repairs have been performed by private contractors.
5. I have received hundreds of calls from the general public regarding open hydrants and hydrants in need of repair. The Water Department was notified of the problems.
6. Attended meeting regarding Water Emergency Program at Director Alvin Zach's office.
7. Director Alvin Zach has assisted in the purchase of 100 new hydrant wrenches and caps.

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TRAINING DIVISION
ANNUAL REPORT SUBMITTED BY
ABNATHY ALFONSO MASON, CAPTAIN
RECRUITMENT OFFICER
FOR THE YEAR 1985

During 1985 the Newark Fire Department conducted the latter portions of a Minority Recruitment Program; recruiting commenced on October 1, 1984, when applications were made available from the New Jersey Department of Civil Service. The deadline for submitting an application, to be eligible for the examination process, was November 23, 1984.

Members of the Newark Fire Department assigned to this Minority Recruitment Program -

Captain Abnathy Alfonso Mason, Planning and Research
Firefighter Lonzia Ellison, Truck Co. 9
Firefighter James Berdiel, F. S. S. - Operations
Firefighter George Livingston, Truck Co. 10
Firefighter Arnum Wapples, Truck Co. 9

distributed and displayed 2,000 recruitment posters and distributed more than 5,000 applications to individuals, or members of audiences of recruitment presentations made before social, civic, cultural, political, religious, educational organizations and institutions. Recruiting was also conducted at parades, large gatherings and mass assemblies.

Preparatory training for the written and performance portions of the New Jersey Department of Civil Service Examination for Municipal Firefighter - Newark (M2839F) was conducted at the Newark Fire Training Center. Preparatory training for the written portion of the examination process began on November 19, 1984 and concluded on March 8, 1985. During this period fifty-four sessions were conducted. These sessions were attended by 1,100 persons. In addition to the course of materials that was intended to assist applicants in successfully competing in the written portion of the examination process, they were exposed to and coached in test taking procedures.

Preparatory training for the performance portion of the examination process began on April 8, 1985, and concluded on July 19, 1985. Fifty-three preparatory training sessions were conducted for the performance portion of the examination process. These sessions consisted of applicants making "trial runs" on a course that simulated the New Jersey Department of Civil Service's examination test course. 1,043 persons attended this phase of preparatory training.

Training Division
Recruitment Report (cont'd) (2)

The endeavors of the members of the Newark Fire Department assigned to this Minority Recruitment Program resulted in a New Jersey Department of Civil Service list for prospective candidates for the Newark Fire Department of 471 persons, with the following ethnic characteristics:

Blacks	225	47.8%
Whites	186	39.5%
Hispanics	50	10.6%
Persons that did not state an ethnic group	10	2.1%
	<hr/> 471	

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TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	31	200	31	3,040
Fire Brigades	7	46	87	4,002
Company Refresher	68	136	340	46,240
Officer Refresher	7	49	117	5,733
Total	113	431	575	59,015

<u>SPECIAL TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Preventive Maintenance	-	-	-	-
Driver Certification	55	55	55	55
Apparatus Service Test	4	8	8	16
Pump Operations	38	76	126	9,576
Aerial Ladder	12	24	48	1,152
Misc. Training	43	247	682	168,454
Total	152	410	919	179,253

FIELD TRAINING

Drills in Quarters	5,872	Hours of Instruction -	24,601
Drills out of Quarters	6,427	Man Hours	- 98,404
Total Drills	12,299		

<u>DEMONSTRATIONS</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Fire Prevention	34	846
Extinguisher	42	1,286
Other	12	407
Total	88	2,539

<u>FILMS & VIDEO TAPES</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Shown at Academy	586	1,563
Loaned Out	146	1,172
Total	732	2,735

WATER OFFICER ACTIVITIES

Number of Hydrant Repairs Processed	- 503
Number of Conferences Attended	- 41

PLANNING AND RESEARCH DIVISION
ANNUAL REPORT SUBMITTED BY
JOHN J. VALENT, DEPUTY CHIEF
FOR THE YEAR 1985

During the year 1985, the Planning and Research Division provided staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies when requested.

Areas of activity included, but were not limited, to the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1979 Capital Budget (Project Remaining)

Construction of Butler Building for relocation of Special Services and Supply to location adjacent to 17-19 Prince Street. The status of this project is being reassessed for possible consolidation with other units.

1980 Capital Budget:

Reconstruction of Fire Stations:

- (a) 1028-1030 Bergen Street
- (b) 269-277 Park Avenue
- (c) 69-71 Vesey Street

Work is nearing completion.

1983 Capital Budget:

1. Apparatus Replacement

- (a) One aerial ladder quint
- (b) Three - 1,000 GPM pumpers equipped with Tele-Squirt
- (c) One Rescue Unit
- (d) Rehabilitation of Fireboat

Items (a), (b), and (c) have been delivered and are in service. Item (d) is nearing completion.

2. Reconstruction of Fire Stations:

- (a) 526-528 Frelinghuysen Avenue
- (b) 469-473 Ferry Street
- (c) 691-701 North 6th Street

All are currently in progress.

Planning and Research Division (2)

1984 Capital Budget (revised):

1. Apparatus Replacement:

- (a) Two - 1,000 GPM Pumpers

Bid has been awarded; delivery is expected in Spring of 1986.

2. Rehabilitation of river bulkhead,
at Fire Training Center, 34 Jersey Street

The item has been approved. Specifications are being developed by Department of Engineering.

3. Modernization of the Fire Alarm System, Fire Signal
System Operations, Room 420, City Hall.

The bid has been awarded and work is in progress.

1985 Capital Budget (revised):

1. Apparatus Replacement:

- (a) Two - 100 ft. aerial ladder trucks
- (b) Two - 1,000 GPM Pumpers

Specifications for the above are in the development stage; advertising for bids is scheduled for the early part of 1986.

1986 Capital Budget Request:

1. Apparatus Replacement:

- (a) One 85 ft. Elevating (aerial) Platform
- (b) One 110 ft. Aerial (rear mount) Ladder
- (c) Three 1,000 ft. GPM Pumpers with Tele-Squirt Accessories

2. Fire Station Rehabilitation Program:

- (a) Engine Companies 21, 26, and Truck Company 12 (Interior)
- (b) Engine Company 27 and Truck Company 4 (Interior)
- (c) Engine Company 6 - Cornice, pointing, etc. (Exterior)

3. Internal and External Rehabilitation and Security System:

- (a) Fire Headquarters - 1010 - 18th Avenue

4. Replacement of Emergency Radio Communications System.

Planning and Research Division (3)

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and Fire Chief on a weekly basis.

MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registration and expenses are handled through this Division.

FUEL CONSERVATION (Motor Vehicles)

All motor vehicle fuel consumption with the Department is monitored; reports are submitted to the Director and Fire Chief.

AFFIRMATIVE ACTION

This Division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas: appointments, retirements, demotions and resignations. In addition, annual reports of all employment activities and salary listings on a twelve month basis from July 1st to June 30th of the following year, are forwarded to the Human Rights Commission.

MULTIPLE DWELLING FIRE SAFETY INSPECTION PROGRAM

In January 1985, the Planning and Research Division instituted a program of inspecting all multiple dwellings in the city for violations of A.C. smoke detectors in common areas, battery smoke detectors inside dwelling units and second means of egress, for compliance with the New Jersey Hotel and Multiple Dwelling Act. This program was developed in cooperation with the Division of Fire Prevention and Life Safety and the Bureau of Housing Inspection of the New Jersey Department of Community Affairs. To date over 4,500 buildings have been inspected initiating more than 2,000 violations. An additional re-inspection program was started in July 1985 involving 1,200 re-inspections with all records, monitoring, coordination, and liaison with all involved being coordinated by this office.

The Planning and Research Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted upon according to priority and availability of resources.

COMMUNITY RELATIONS DIVISION
ANNUAL REPORT SUBMITTED BY
ROBERT E. FITZPATRICK
BATTALION CHIEF
FOR THE YEAR 1985

During the year of 1985, the Community Relations Division, (Headquarters 20), continued to be involved in various activities and programs which strengthened the rapport between the public and the Fire Department.

Headquarters 20 has continued its services to the victims of fires and other disasters by maintaining its contact with both the public and private agencies. The resources of the charitable organizations supported by the United Appeals, were called upon to assist numerous victims. Agencies of the city and county provided many victims with the essentials or necessities of life. The Community Relations Division has concentrated on providing the public with effective services both day and night, every day of the year.

Over the years, hot weather has brought hydrant problems, and this past year was no different. The illegal use of hydrants on the street is a serious problem because it brings about reduced water pressure and damage to the hydrants. The shutting of illegally opened hydrants becomes more essential as the days get hotter, because the number of hydrants opened is also compounded by the number of hydrants being vandalized, and this causes hydrants to be put out of service. Many man-hours were spent turning off illegally used hydrants.

During the past year, the Community Relations Division continued to honor requests to speak before teachers, pupils and parents at schools on Fire Safety and careers in the Fire Service. Films were shown to classes at meetings throughout the city. Fire prevention materials were disseminated to those attending classes and meetings. Demonstrations were also given at different locations in the city for the public's edification. The Newark Board of Education should be applauded for its efforts concerning Fire Safety for both their employees and the students they serve.

The Fire Auxiliary has continued to improve their documentation of services given to the city. The number of times that auxiliary firefighters have presented themselves, has improved on records. The number of man-hours at fire houses and alarms responded to, has been better documented. It should also be recognized that many auxiliary firefighters respond to fires from their homes.

Director John P. Caufield has continued with his policy of having the Community Relations Division support and assist charitable agencies in performing their duties to the public. The Community Relations Division assisted in charity fund drives by helping with logistical matters, assisted by volunteers, and providing security for same.

DATA PROCESSING UNIT
ANNUAL REPORT FOR 1985
SUBMITTED BY
GERRIT L. DeVRIES
DATA PROCESSING COORDINATOR

The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating of conditions of hydrants in the city.
2. Overtime reports on a weekly basis.
3. Personnel listings and history as needed.
4. Sick reports on all employees.
5. Compensation claims on file.
6. Monthly vacant building reports.
7. Printout of issued permits.
8. Printout of Smoke Detector compliance.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

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PHOTOGRAPHY DIVISION
ANNUAL REPORT SUBMITTED BY
FIREFIGHTER LAWRENCE KRIEGER
FOR THE YEAR 1985

The following report is herewith respectfully submitted, outlining the activities of the Photography Division for the year 1985:

Assignments responded to:

Signal 100 (Arson or Suspected)	24
Signal 200 (Death at Fire)	15
Public Relations (includes appointments, awards, promotions and demonstrations)	33
Special Assignments (includes working in cooperation with other agencies, the Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments.)	117
Total Assignments:	189

Darkroom Activities Include:

Black and White negatives developed	2,870
Black and White prints processed	3,959
Color negatives developed	430
Color prints processed	824

I wish to extend my sincere thanks to all the Officers and Members of the Fire Department for their cooperation and assistance throughout the past year.

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PUBLIC RELATIONS DIVISION
ANNUAL REPORT FOR THE YEAR 1985
SUBMITTED BY
LONNIE TUCKER, COOMUNITY RELATIONS COORDINATOR

The following report is herewith respectfully submitted outlining the activities of the Fire Department's Public Relations Division.

The Fire Director's Office of Public Relations has continued to keep the public informed of various events in Fire Prevention and Life Safety through the use of the news media, print media, billboard displays, and weekly reports in newsletters within the community.

The message of Smoke Detectors, Fire Prevention and Life Safety, and the new Fire Code plan of the Fire Director, who is the Chairman of the New Jersey State Fire Commission, has brought the attention of other agencies, who will join the Newark Fire Department in its efforts to bring the knowledge of Fire Prevention and Life Safety, to other people in our State.

In 1985, the Fire Director's Office of Public Relations Division, worked with other cities, state and federal agencies, which provided assistance to fire victims.

As the liaison to the Fire Director and the Fire Chief, I responded to fires as requested, set up media interviews, assisted the Bureau of Investigation, and carried out other assignments as needed.

The Public Relations Division is in charge of issuing information in the form of releases to the news media and other news gathering sources, upon request.

I wish to extend my most sincere thanks to the Mayor's office, the Fire Director, the Fire Chief, and all members of the Fire Department, for their cooperation throughout the year.

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MEDICAL DIVISION
ANNUAL REPORT SUBMITTED BY
MORRIS HALPER, M.D.
FOR THE YEAR 1985

During the year of 1985, as part-time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or Fire Chief.

Medical records to members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1985, a number of candidates considered for appointment to the Fire Department have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Fire Department.

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ANNUAL REPORT
SUBMITTED BY THE
CATHOLIC CHAPLAIN
REV. HORTON J. RAUGHT
FOR THE YEAR 1985

The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1985.

Responded to multiple alarms when summoned. When necessary I accompanied injured firefighters to the hospital from the fire scene.

Visited the various hospitals in the area to attend to members of the Fire Department who were ill or injured in the line of duty. Visits were also made to members of their families when notified of their illness.

Attended all swearing-in ceremonies of new Fire Department personnel as well as all promotional ceremonies.

Attended wakes for deceased members of the Fire Department or members of their families. I participated at funeral services of members of the Department, both active or retired.

I was available for and participated in conferences with members of the Department or their families.

I conducted the 62nd Annual Memorial Service for deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Rose of Lima Church, Newark, New Jersey.

Attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs and those sponsored by the Fire Department Historical Association and The Bell and Siren Club, Inc.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief Stanley J. Kossup, and to all the Officers and Members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT
SUBMITTED BY
THE JEWISH CHAPLAIN
RABBI HORACE L. ZEMEL
FOR THE YEAR 1985

As Jewish Chaplain of the Newark Fire Department, I have, to the best of my ability, answered fire calls when summoned, attended the sick and dying, participated in public functions, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

Once again, the making of this report gives me the opportunity of letting you know that I am cognizant of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all members of the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT
FOR THE YEAR 1985

The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations. Public officials and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, iced tea, hot tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered with Rescue 1, courtesy of the Mayor and the Newark Fire Department.

During 1985, the Club responded to 104 fire emergencies, comprised of:

- 53 Second Alarms
- 6 Third Alarms
- 11 Special Calls
- 6 Multiple Alarms in East Orange
- 2 Multiple Alarms in South Orange
- 4 Multiple Alarms in Bloomfield
- 2 Multiple Alarms in West Orange
- 9 Multiple Alarms in Irvington
- 5 Multiple Alarms in Orange
- 1 Special Call to Elizabeth
- 1 Mutual Aid Special Call to Passaic
- 1 Mutual Aid Special Call to Jersey City
- 3 Parades

Services rendered included:

5,532 cups of coffee	1,000 cups of hot chocolate
4,536 cups of iced tea	442 cups of Gatorade
374 cups of hot tea	137 cups of cold drink
151 cups of water	90 cups of orange juice
158 cups of beef broth	67½ lbs. of beef stew
366 doz. cookies	24 hamburgers
63 doz. doughnuts	309 cigarettes

We extend our thanks and appreciation to the elected officials of the City of Newark, to Fire Director John P. Caufield and to Fire Chief Stanley J. Kossup, and to all Officers and Members of the Newark Fire Department, for their help and assistance during the past year.

FIRE AUXILIARY SERVICE
ANNUAL REPORT SUBMITTED BY
CAPTAIN CHARLES J. MANARA
FOR THE YEAR 1985

In 1985 there were 15 new applicants for the Newark Fire Auxiliary Fire Service; 2 men left the unit for personal problems and 2 men are now on the list for Newark Firefighter.

We have 160 active members, and 100 semi-active members.

Two men were promoted to the rank of captain.

The auxiliaries reported to fire houses a total of 700 times and spent 4,100 hours on duty; they responded to alarms and spent 403 hours working at fires; they participated in drills in and out of quarters for a total of 90 hours.

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